PUBLIC HEALTH REPORTS.

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THE CHOLERA SITUATION.

Reports received by the bureau show no material change in the cholera situation during the past week.

UNITED STATES.

CASE OF LEPROSY AT ST. LOUIS, MO.

Dr. Max C. Starkloff, health commissioner of the city of St. Louis, has reported the occurrence of a case of leprosy in that city. The patient, a male, 37 years of age, was born in California. His parents died of tuberculosis, one in 1883 and the other in 1884. After the death of his parents he lived with relatives in New York City up to the age of 19 years. He then lived in Maryland, Pennsylvania, and other Eastern States, working as a laborer. In 1901 he enlisted in the United States Navy. While in the Navy he spent several months in the West Indies. He returned to Brooklyn, N. Y., in 1902, and first noticed that he was not well in 1903. In 1904 an ulceration, which has persisted ever since with the exception of a few months, appeared on the left foot. Hypertrophy of the face appeared in 1909. Patient went from Pittsburgh to St. Louis in April, 1911, and on June 2 examinations made by the city bacteriologist showed the presence of lepra bacilli in material taken from the ulceration on the foot and from the nose. On June 4 the patient was placed in the quarantine hospital, from which he escaped on June 5, since which time his whereabouts have been unknown.

MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

[Adopted since Jan. 1, 1910.]

LOS ANGELES, CAL.

MILK AND MILK PRODUCTS—PRODUCTION, CARE, AND SALE.

SECTION 1. It shall be unlawful for any person, firm, or corporation to bring or receive, or to cause or permit to be brought or received, into the city of Los Angeles, for sale, or to sell, exchange or deliver, or to offer for sale, exchange or delivery, or to cause or permit to be sold, exchanged or delivered, or to be offered for sale, exchange

or delivery, or to have in possession for sale, exchange or delivery therein, any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, without first applying for and receiving a permit from the board of health of the city of Los Angeles so to do in the manner hereinafter provided: *Provided, however,* That the provisions of this section shall not apply to condensed or evaporated milk, or condensed or evaporated skimmed milk that is sterilized and contained in hermetically sealed packages, labeled with the name of the article and with the name of the person, firm, or corporation by whom the same is prepared.

SEC. 2. Every applicant for any such permit shall file with the said board of health a written application which shall set forth the name and address of the applicant, the number of cows owned by such applicant, if any, the name and address of any and all persons, firms, or corporations from whom he is purchasing or obtaining, or from whom he is intending to purchase or obtain milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, and the number of gallons of each thereof sold by him daily as nearly as he can estimate the same. Such application shall also contain a description of the property by street and number wherein or whereon the applicant conducts or proposes to conduct his place of business, and if the same has no street number, then such description as will enable the same easily to be found.

If such permit be granted, it shall be the duty of the holder thereof to give written notice to the said board of health, stating the name and address of any person, firm, or corporation from whom he obtains his supply of milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, within 24 hours after beginning to obtain any such milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk from any such person, firm, or corporation other than those named in his application; provided, however, that if such holder of a permit intends to obtain any such milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, from any person, firm, or corporation to whom a permit shall not have been granted by the board of health pursuant to the provisions of this ordinance, then written notice of such intention shall be given to the board of health at least five days before beginning to obtain such milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk from such person, firm, or corporation.

If such permit be granted, it shall be the duty of the person, firm, or corporation to whom the same is granted to secure the same from the office of the board of health within 30 days after the date on which the same is granted by the said board; and it shall also be the duty of such person, firm, or corporation to post such permit and to keep the same posted at all times in a conspicuous place in the milk house of such person, firm, or corporation, or in the room or place in which milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk is kept for sale.

It shall be unlawful for any person, firm, or corporation to fail, refuse, or neglect to comply with any of the provisions of this section.

SEC. 3. If it shall appear to the said board of health upon considering such application that the statements therein made are true, and that the applicant does not propose selling or offering for sale any adulterated milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, or any thereof, that does not conform to the standard as hereinafter defined and prescribed, and that the dairies, cows, cow stables, houses, vessels, and vehicles from which such milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk is sold or offered for sale, or is supplied for the purpose of being sold, conform to the provisions of this ordinance and to the rules of the board of health, it shall be the duty of the said board of health to issue, without cost to such applicant, a permit to bring and receive into the said city for sale, and therein to sell or offer for sale, milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk: *Provided, however,* That such permit shall be granted only on the express condition that the same shall be subject to suspension for a period not exceeding six months by the said board of health, in its discretion, upon proof to the satisfaction of said board of a violation by the holder thereof, or his servant, employee, or agent, of any of the provisions of this ordinance or of any rule of the board of health relating to the inspection and sanitary condition of dairies, or upon proof of violation by such holder of any law of the State of California, providing against the adulteration

of milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk.

No such permit shall be suspended until after a hearing shall have been had by the board of health, notice of which hearing shall be given in writing and served at least three days prior to the date of hearing upon the holder of such permit or upon his or its manager or agent. Such notice shall state the ground of complaint against the holder of such permit and shall also state the time when and place where such hearing will be had. Such notice shall be served upon the holder of such permit by delivering the same to such person, firm, or corporation, or to his or its manager or agent, or to any person of suitable age and discretion in charge of or employed in the place of business of such person, firm, or corporation; or if such person has no place of business, then at his place of residence; or by leaving such notice at the place of residence of such person with some person of suitable age and discretion. If the holder of such permit can not be found and service of such notice can not be made upon him or it in the manner herein provided, then a copy of such notice shall be mailed, postage fully prepaid, addressed to such holder of such permit at such place of business or residence at least three days prior to the date of such hearing: *Provided, however*, That the health officer shall have power, and he is hereby authorized, to suspend any such permit at any time when he shall ascertain that any provision of this ordinance or any such rule of the board of health is being violated by the holder of such permit, or his servant, employee, or agent, and such suspension shall be effective until the next meeting of the board of health after the date of such suspension.

If any such permit shall be suspended by the board of health or by the health officer, it shall be unlawful during the period of such suspension for the holder of such permit to bring or receive, or to cause or permit to be brought or received, into the city of Los Angeles for sale, or to sell, exchange, or deliver, or to offer for sale, exchange, or delivery, or to cause or permit to be sold, exchanged, or delivered, or to be offered for sale, exchange, or delivery, or to have in possession for sale, exchange, or delivery therein, any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk.

SEC. 4. Such permit shall be good until the same is suspended as provided by this ordinance, or until the holder of such permit changes the location of his place of business, or conveys or otherwise disposes of the business of selling milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk: *Provided, however*, That any person, firm, or corporation who shall purchase any such business, for which a permit shall have been obtained and shall be in force at the time of such sale, may conduct and operate such business under such permit for a period of not more than 30 days from and after the date of such sale, unless such permit is suspended as herein provided, and such purchaser shall, during the said period of 30 days, apply for and obtain a permit in the manner provided by this ordinance: *And provided further*, That if any holder of any such permit shall change or remove the location of his place of business, such holder may continue to conduct and operate such business under such permit for a period of not more than 30 days from and after the date of such change or removal, unless such permit is suspended as herein provided, and such holder shall, during the said period of 30 days, apply for and obtain a permit in the manner provided by this ordinance.

If such new permit is not applied for and obtained in the manner and within the time herein prescribed, such person, firm, or corporation shall be deemed to be conducting and operating such business without a permit from and after the expiration of such period of 30 days.

SEC. 5. All dairies, cows, cow stables, houses, vessels, and vehicles, whether within the city of Los Angeles or not, from which milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk is sold, or offered for sale, or is supplied for the purpose of being sold, within the limits of the said city, and all places and vehicles within the said city in which milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk is sold, kept, carried, or conveyed, shall be subject at all times to inspection by the health officer or by some one deputed by him, or by members of the board of health, or by the inspectors in the health department, and it shall be the duty of all persons owning or having charge of such dairies, cows, cow stables, houses, vessels, or vehicles to allow such inspection, and to allow such dairies, cow stables, houses, vessels, or vehicles to be entered by the health officer or by some one deputed by him, or by members of the board of health, or by the inspectors in the health department, for the purpose of such inspection; and in case the owner or person in charge of a dairy, cow, cow stable, house, vessel, or vehicle without said city, from which milk, cream, buttermilk,

skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk is sold, or is supplied to the holder of a permit for the purpose of being sold within the limits of said city refuses to allow such entry or inspection, then such holder shall, upon notification by the health officer, or some one deputed by him, or an inspector in the health department, immediately discontinue selling or offering for sale any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk furnished or supplied by such owner or person so refusing.

All persons selling or offering for sale milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk within said city, or furnishing or supplying milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, to be sold therein, shall allow samples thereof to be taken by the health officer, or by any person deputed by him, or by the members of the board of health, or by the inspectors in the health department, at any time when demanded.

SEC. 6. It shall be unlawful for any person, firm, or corporation to sell, exchange, or deliver, or to offer for sale, exchange, or delivery, or to cause or permit to be sold, exchanged, or delivered, or to be offered for sale, exchange, or delivery, or to have in possession for sale, exchange, or delivery, any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, except in sealed bottles or other sealed receptacles: *Provided, however,* That the provisions of this section shall not apply to any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk sold, exchanged, or delivered, or offered for sale, exchange, or delivery, or had in possession for sale, exchange, or delivery, in any place devoted exclusively to the sale or storage for sale of milk and the products thereof, or devoted exclusively to the sale or storage for sale of eggs, milk, and the products of milk, and shall not apply to milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk sold to be consumed upon the premises wherein or whereon the same is sold.

SEC. 7. It shall be unlawful for any person, firm, or corporation keeping for sale any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk in any store, restaurant, bakery, or other establishment, to fail, refuse, or neglect to keep the same, at all times before the sale thereof, in a clean and well-drained cooler or refrigerator. Such cooler or refrigerator shall be kept tightly closed at all times except when articles are being placed into or taken from the same, and shall be kept in such location and under such conditions as shall be approved by the board of health.

SEC. 8. All wagons or vehicles used in carrying or transporting milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk shall have the name of the owner, the name of the dairy, the number of the wagon license, and the word "milk," or the word "cream," or the words "milk and cream," or the word "buttermilk," or the words "condensed (or evaporated) milk" painted thereon in plain and legible English, in letters or figures not less than 2 inches high; the word or words so painted shall indicate the article or articles carried in such wagon or other vehicle.

SEC. 9. It shall be unlawful for any person, firm, or corporation who uses in his or its business a wagon, cart, or other vehicle to fail, refuse, or neglect to have and keep upon such wagon, cart, or other vehicle a covering of canvas or other material so arranged as to protect securely the contents of such wagon, cart, or other vehicle from dust and the rays of the sun.

SEC. 10. It shall be unlawful for any person, firm, or corporation selling or offering for sale any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, in the city of Los Angeles, or for use or to be used therein, to feed, or to cause or permit to be fed, to his milch cows, or to have in possession with intent to feed to such cows, any garbage, swill, refuse, or other improper, unclean, or unwholesome food.

It shall be unlawful for any person, firm, or corporation to bring or receive, or to cause or permit to be brought or received, into the city of Los Angeles, for sale, or to sell, exchange, or deliver, or to offer for sale, exchange, or delivery, or to cause or permit to be sold, exchanged, or delivered, or to be offered for sale, exchange, or delivery, or to have in possession for sale, exchange, or delivery therein, any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, from any cow or cows to which any garbage, swill, refuse, or other improper, unclean, or unwholesome food shall have been fed.

SEC. 11. It shall be unlawful for any person, firm, or corporation to bring or receive or to cause or permit to be brought or received, into the city of Los Angeles, for sale,

or to sell, exchange or deliver, or to offer for sale, exchange or delivery, or to cause or permit to be sold, exchanged or delivered, or to be offered for sale, exchange or delivery, or to have in possession for sale, exchange or delivery therein any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk produced from cows that are kept in any place where the water, ventilation, food, or surroundings are not wholesome and sufficient for the preservation of the health and safe condition of such cows, and the preservation of the wholesomeness of the milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk produced therefrom.

SEC. 12. It shall be the duty of every person, firm or corporation producing or dealing in milk or cream, to cool or reduce the heat thereof to a temperature of not exceeding 70° F. immediately after the same is milked, and to maintain such milk or cream at or below such temperature at all times prior to the delivery thereof to a consumer or consumers, except during such time as such milk or cream is undergoing the process of pasteurization, condensation, sterilization, or evaporation, and it shall be unlawful for any such person, firm, or corporation to fail, refuse, or neglect so to do.

SEC. 13. The standard of milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, and condensed or evaporated skimmed milk in and for the city of Los Angeles, is hereby defined and prescribed as follows:

Milk is the fresh, clean lacteal secretion obtained by the complete milking of one or more healthy cows, properly fed and kept, excluding such secretion obtained for a period of 20 days before calving and for a period of 8 days after calving, and containing, by weight, not less than 8.5 per cent of milk solids, not fat, and not less than 3.5 per cent of milk fat, and a total of milk solids of not less than 12.5 per cent.

Cream is that portion of milk, rich in milk fat, that rises to the surface of milk on standing, or is separated from milk by centrifugal force, is fresh and clean and contains, by weight, not less than 20 per cent of milk fat, and in the nonfatty portion thereof not less than 8.8 per cent nor more than 9.8 per cent of milk solids.

Buttermilk is the product which remains when butter is removed from milk or cream in the process of churning and contains, by weight, not less than 8 per cent of milk solids.

Skimmed milk is milk from which all or a portion of the milk fat has been removed and which contains, by weight, in the nonfatty portion thereof, not less than 8.8 per cent of milk solids.

Pasteurized milk is milk that has been heated above 145° F., and maintained at or above such temperature for not less than 20 minutes, and immediately cooled to 70° F. or lower, and maintained at or below 70° F. at all times prior to delivery thereof to a consumer or consumers.

Condensed or evaporated milk shall contain, by weight, not less than 7.7 per cent of milk fat, and a total of milk solids of not less than 28 per cent.

Condensed or evaporated skimmed milk shall contain, by weight, not less than 18 per cent of milk solids.

It shall be unlawful for any person, firm or corporation to bring or receive, or to cause or permit to be brought or received, into the city of Los Angeles, for sale, or to sell, exchange or deliver, or to offer for sale, exchange or delivery, or to cause or permit to be sold, exchanged or delivered, or to be offered for sale, exchange or delivery, or to have in possession for sale, exchange or delivery therein, any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, that does not conform to the standard hereinbefore defined and prescribed therefor.

SEC. 14. It shall be unlawful for any person, firm, or corporation to place, or to cause or permit to be placed, any water or any foreign substance of any kind in any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk.

It shall be unlawful for any person, firm, or corporation to bring or receive, or to cause or permit to be brought, or received, into the city of Los Angeles, for sale, or to sell, exchange or deliver, or to offer for sale, exchange or delivery, or to cause or permit to be sold, exchanged or delivered, or to be offered for sale, exchange or delivery, or to have in possession for sale, exchange or delivery therein, any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, into which any water or any foreign substance of any kind shall have been placed.

For the purposes of this section condensed or evaporated milk, and condensed or evaporated skimmed milk shall be deemed to be foreign substance if the same, or either thereof, shall be placed in milk or cream.

That any person, firm or corporation violating any of the provisions of this section shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punishable as follows:

For the first offense, by a fine of not less than $10 nor more than $200, or by imprisonment in the city jail for a period of not more than 50 days, or by both such fine and imprisonment.

For the second offense, by a fine of not less than $50 nor more than $400, or by imprisonment in the city jail for a period of not less than 5 days nor more than 100 days, or by both such fine and imprisonment.

For the third or any subsequent offense, by a fine of not less than $100 nor more than $500, or by imprisonment in the city jail for a period of not less than 25 days, nor more than 6 months, or by both such fine and imprisonment.

SEC. 15. It shall be unlawful for any person, firm, or corporation to sell, exchange or deliver, or to offer for sale, exchange or delivery, or to cause or permit to be sold, exchanged or delivered, or to be offered for sale, exchange or delivery, or to have in possession for sale, exchange or delivery, any skimmed milk, unless there shall be attached to the outside of every vessel, can or package from or in which such skimmed milk is sold or held for exchange or delivery, a tag upon which shall be printed in black letters at least 1 inch in height the word "skim" or the words "skimmed milk."

SEC. 16. It shall be unlawful for any person to bottle or to place in a jar, can or other receptacle, or to cause to be bottled or placed in a jar, can or other receptacle, any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, while such person is upon, at or near the delivery wagon, or at any other place than the milk house.

SEC. 17. It shall be unlawful for any person to whom any milk or cream is delivered to fail or neglect, immediately after emptying the receptacle in which such milk or cream shall have been delivered, to rinse or cause to be rinsed thoroughly such receptacle so as to free the same from all remnants of milk or cream.

SEC. 18. It shall be unlawful for any person to place, or to cause or permit to be placed, into any receptacle that is commonly used for the reception, storage or delivery of milk or cream for sale, any filthy or offensive substance, or any refuse matter of any kind, or to use, or to cause or permit to be used, any such receptacle for cooking or heating milk or cream or any other substance.

SEC. 19. It shall be unlawful for any person, firm, or corporation to bring or receive, or to cause or permit to be brought or received, into the city of Los Angeles, for sale, or to sell, exchange or deliver, or to offer for sale, exchange or delivery, or to cause or permit to be sold, exchanged or delivered, or to be offered for sale, exchange or delivery, or to have in possession for sale, exchange or delivery therein, any condensed, evaporated, pasteurized, sterilized or heated milk or cream, or any milk or cream that shall have been subjected to heat in any manner, unless the receptacle in which the same is contained bears a label stating that the same has been condensed, evaporated, pasteurized, sterilized, or heated, as the case may be.

SEC. 20. The existence in the city of Los Angeles of any adulterated, foul, or unclean milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, or of any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, that does not conform to the standard hereinbefore defined and prescribed therefor, or that is above the temperature hereinbefore prescribed, is hereby declared to be a nuisance, and the same is ordered to be abated accordingly. The health officer, the inspectors employed in the health department, and all other officers or employees of the city of Los Angeles charged with the inspection of milk, are hereby authorized and required to condemn such milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, immediately upon discovering that the same does not conform to the standard or that the same is above the temperature prescribed in this ordinance, and to destroy the same, or, instead of destroying the same, to introduce thereinto a substance that will make it evident that the same has been condemned and that will prevent the sale or use of the same as milk, cream, buttermilk, skimmed milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, as the case may be; provided, however, that the provisions of this section shall not apply to skimmed milk when labeled as such, as required by the provisions of this ordinance, if the same is not below the standard herein prescribed therefor.

SEC. 21. It shall be unlawful for any person, firm, or corporation to use, or to cause or permit to be used, any bottle, can, or other vessel or utensil for the purpose of handling, storing, selling, delivering, or distributing milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk therein, unless, immediately prior to such use, such bottle, can, or vessel shall have been washed clean in warm water, with soda or soap, and thoroughly

sterilized by boiling or steaming by means of an appliance or plant used exclusively for that purpose. Such appliance or plant shall be open at all times to the inspection of the health officer, or any inspector employed in the health department, and it shall be unlawful for any person, firm, or corporation to prevent, or to attempt to prevent, the health officer or any such inspector from inspecting any such appliance or plant or any portion thereof or to interfere in any manner with such inspection.

SEC. 22. It shall be unlawful for any person to serve any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, in bottles, to any dwelling in which any person is ill with any contagious, infectious, or communicable disease, or to any dwelling on which there is a placard or notice stating or indicating that any person therein is ill with any contagious, infectious, or communicable disease until after such placard shall have been removed by the proper officer.

It shall be unlawful for any person to remove from any such dwelling any bottle or receptacle which shall have been or is to be used for the purpose of receiving, storing, or delivering milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, or into which any milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk shall have been or is to be placed, or which is commonly used for the reception, storage, or delivery of milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk.

SEC. 23. It shall be unlawful for any person affected with any contagious, infectious, or communicable disease, or who shall have been knowingly exposed to any such disease within a period of 10 days, to handle, transport, deliver, mix, work over, or distribute milk, cream, buttermilk, skimmed milk, pasteurized milk, condensed or evaporated milk, or condensed or evaporated skimmed milk, or to serve as a milker or milkman.

SEC. 24. It shall be unlawful for any person, firm, or corporation to use, or to cause or permit to be used, any bottle, can, or other vessel in the sale, distribution, or delivery of milk or cream which shall have been handled by any person affected with any contagious, infectious, or communicable disease, unless such bottle, can, or other vessel shall have been cleaned and sterilized as hereinbefore provided.

SEC. 25. It shall be the duty of every person, firm, or corporation owning, conducting, carrying on, or operating any dairy or milk house, or any place where milk is stored or is kept for sale, to post and keep posted therein at all times a copy of this ordinance.

SEC. 26. That any person, firm, or corporation violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punishable, unless otherwise provided by this ordinance, by a fine of not less than $5 nor more than $500, or by imprisonment in the city jail for a period of not more than six months, or by both such fine and imprisonment.

Each such person, firm, or corporation shall be deemed guilty of a separate offense for every day during any portion of which any violation of any provision of this ordinance is committed, continued, or permitted by such person, firm, or corporation, and shall be punishable therefor as provided by this ordinance.

SEC. 27. That ordinance No. 17193 (new series), entitled "An ordinance regulating the sale of milk, cream, buttermilk, condensed or evaporated milk or cream, in the the city of Los Angeles, and providing for the inspection of milk, cream, buttermilk, condensed or evaporated milk or cream, dairies, cows, cow stables, milk houses, milk vessels and vehicles," approved September 30, 1908, and all ordinances amendatory thereto or thereof, and all other ordinances in conflict with this ordinance be and the same are hereby repealed: *Provided*, That any such repeal shall not affect or prevent the prosecution and punishment of any person, firm, or corporation for any act done or permitted in violation of any ordinance which may be repealed by this ordinance, and shall not affect any prosecution or action which may be pending in any court for the violation of any ordinance repealed by this ordinance. [Ordinance adopted July 12, 1910.]

PORTLAND, OREG.

MILK—PRODUCTION, CARE, AND SALE.

SECTION 1. It shall be unlawful for any person to sell, dispose of, or to offer or keep for sale as human food, any milk within the city of Portland without first obtaining a license therefor in accordance with the provisions of this ordinance.

SEC. 2. Any person desiring a license pursuant to this ordinance shall first make a written application therefor to the board of health, stating the following facts:

(*a*) The name and place of residence or business of the applicant.

(*b*) Whether said applicant is a producer of milk.

(*c*) The exact location of the dairy and herd which produces the milk.

(*d*) The number of cows in each dairy herd.

(*e*) If the applicant is not a producer of milk, the name of each person from whom he obtains or is about to obtain milk, the location of each dairy and the number of cows in each herd from which the milk is obtained.

(*f*) That the applicant will permit the board of health or the dairy and milk inspectors of the city of Portland, prior to the issuance of a license, to inspect in accordance with this ordinance his dairy and herd, and that he will permit such inspection at any time thereafter. If the applicant is not a producer of milk, or if he sells or is about to sell milk not produced by his own cows, his application must be accompanied by a written statement from the owner of each dairy or herd where such milk is produced to the effect that such owner will consent to an inspection by the board of health or the dairy and milk inspectors of the city of Portland, prior to the issuance of any license for the sale of milk in the city of Portland from such herd or dairy, and that he will permit such inspection to be made at any time thereafter.

(*g*) If the dairy or herd of the applicant, or the dairy or herd from which he obtains or is about to obtain milk for sale in the city of Portland, shall have been inspected by an inspector employed by or under the authority of the State of Oregon, or of the State wherein such milk is produced, or of the United States, or by an inspector working under the direction of or in cooperation with the board of health of the city of Portland, the applicant should state that fact in his application.

SEC. 3. Upon the filing of such application, the board of health shall cause the dairy and herd of the applicant or the person from whom he obtains his milk, to be thoroughly inspected to ascertain if the same conforms in all respects to the provisions of this ordinance. Said inspection shall include the "tuberculin test" as a diagnostic agency for the detection of tuberculosis in such animals. If upon such inspection it be found that such herd is free from tuberculosis and free from all other contagious or infectious diseases, and that the cows are fed, housed, and cared for, and that such dairy is maintained and operated and the milk therefrom is handled, transported, sold, and delivered in the city of Portland in a clean and sanitary way, and all in accordance with the provisions of this ordinance, the board of health shall issue to such applicant a certificate of inspection, and no such certificate and no license shall issue to any applicant until such inspection shall have been made: *Provided*, That if it shall appear from the application, and satisfactory proof thereof shall be furnished to the board of health that such dairy and dairy herd have been inspected within one year prior to the date of such application by any of the inspectors mentioned in subdivision (*g*) of section 2 of this ordinance, and it shall appear to the board of health that such test was coextensive with the tests and inspections required by this ordinance and that such dairy and herd were found upon such inspection to be in a condition conforming to the provisions of this ordinance, then, in such event, the board of health may adopt such inspection in lieu of the initial inspection required by this section, and may issue a certificate to such applicant as above set forth.

SEC. 4. If upon making the inspection herein provided for, any cows in any such herd be found to have any contagious or infectious disease, the inspector shall place a permanent metal tag upon the right ear of such animal, and in all doubtful cases shall place a similar tag on the left ear. If the dairy or herd are not found upon such inspection to conform in all respects to this ordinance, no certificate or license shall issue to such applicant until such dairy has been made to so conform, nor until all cows and animals affected with disease have been removed from the dairy and herd and the dairy disinfected under the supervision of the board of health. No certificate or license shall issue to any applicant who refuses to permit his dairy or herd to be inspected as herein provided, nor shall any applicant receive a license who sells or is about to sell milk in the city of Portland from any dairy or herd, wherever situated, the owner of which refuses to permit such dairy or herd to be inspected as herein provided.

SEC. 5. Upon the receipt of the certificate of inspection provided for by sections 3 and 4 of this ordinance, the applicant shall pay to the treasurer of the city of Portland the annual license fee provided for by section 7 of this ordinance. The applicant shall then present to the auditor of the city of Portland his certificate of inspection, together with his receipt from the treasurer, and the auditor shall then issue a license to sell milk in the city of Portland for the unexpired period of the then current year. Each license shall be numbered. The auditor shall also furnish to the applicant a license tag, if for a wagon, cart, or can, setting forth the license number and the date of the expiration of the said license in conspicuous letters and figures the same to be placed in a conspicuous place on the side of each carriage, wagon, or other vehicle or can used by him in the sale or distribution of milk within the city of Portland, and all licensees who shall sell milk from stores or shops, or milk depots, shall keep their licenses constantly posted in a conspicuous place upon the wall of the room within which such sale of milk is carried on.

SEC. 6. Each license issued under the provisions of this ordinance shall be issued upon the condition that each person so licensed, as well as the person from whom he obtains his milk, shall at all times permit the board of health of the city of Portland, or the dairy and milk inspectors thereof or other proper agents authorized by or cooperating with said board, to thoroughly inspect, in accordance with this ordinance, any dairy or herd from which milk is obtained for sale or consumption within the city of Portland. If any licensee, under this ordinance, shall at any time refuse to permit an inspection of his dairy or herd, as herein provided for, his license shall be revoked by the board of health. If any licensee shall sell milk in the city of Portland from any dairy or herd, the owner of which shall have refused to permit an inspection of his dairy as herein provided for, the license of such licensee shall be revoked by the board of health.

Any license issued under this ordinance may also be revoked for any failure or refusal of the licensee, or person from whom he obtains his milk, to comply with this ordinance, or the laws of the United States, or of the State wherein the milk is produced.

SEC. 7. The license fees for the sale or disposal of milk or cream in the city of Portland shall be as follows:

For selling or delivering milk or cream in the city of Portland, from each wagon, $2.50 per annum.

For selling or delivering milk from each cart pushed by hand, 50 cents per annum.

For selling or delivering milk or cream from a can carried in hand, 50 cents per annum.

For creameries and milk depots, $5 per annum.

For stores, houses, bakeries, and delicatessen, and other places from which milk or cream is sold in limited quantities, $1 per annum.

Such license shall expire on the 1st day of December next ensuing the issuance thereof, and no license shall be issued for less than one year, except to a person commencing business, in which case the license shall be issued to the 1st day of December next ensuing: *Provided*, That the full amount of the annual license fee must be paid for any license issued under the provisions of this ordinance.

SEC. 8. No person who has in good faith filed a proper application as herein provided shall be prosecuted upon the charge of selling milk in the city of Portland without a license, pending action on such application by the board of health, but in all other respects such applicant shall during such time and at all times comply with this ordinance and all of the rules and regulations thereof, and it shall be unlawful for such applicant or any person to sell or have for sale in the city of Portland milk produced by tubercular or otherwise diseased cows, or any unwholesome milk, or to violate this ordinance in any way.

SEC. 9. The board of health is hereby authorized to employ one or more competent persons, not exceeding six, who shall be known as dairy and milk inspectors, and whose duty it shall be, under the supervision and direction of the board of health, to see that the provisions of this ordinance are enforced. The salary of each such dairy and milk inspector shall be the sum of $125 per month, payable monthly out of the general fund. In addition to the foregoing employees, the board of health may appoint other competent dairy and milk inspectors, when required, to serve without pay.

SEC. 10. It shall be the duty of the board of health, and the inspectors employed by and under the direction of, or cooperating with the board of health, to inspect in accordance with this ordinance all dairies and herds in the city of Portland, and all dairies and herds outside of the city of Portland from which milk is produced for sale or delivery within the city of Portland, and to see that such dairies and herds and the handling and sale of milk therefrom conform to this ordinance. An initial inspection shall be made upon each application for a license, as provided by sections 3 and 4 of this ordinace, and thereafter twice each year without any previous notice to the owner of such dairy or herd. Additional inspections shall be made whenever there is reason to believe that this ordinance is being violated. The tubercular test shall be applied once each year to each animal producing milk to be disposed of for human food in the city of Portland. The places and things to be inspected by said officers shall include all dairies and dairy herds and all milk produced therefrom, and all barns, stables, cow yards, creameries, stores, railroad cars, delivery wagons, and all places and implements and utensils through, by, or from which milk is furnished to the city of Portland and its inhabitants, and for the purpose of making such inspection said board of health or its authorized inspectors or agents shall have the right to enter and inspect any place where milk or cream is stored or kept for sale, and said board of health or its authorized inspectors are hereby authorized to open any can or vessel containing milk or cream and take a sample therefrom not to exceed 1 quart for the purpose

of testing or analyzing the same, and in case such sample shall be proved upon such examination to be held with intent to sell in violation of any of the provisions of this ordinance, said board of health shall cause to be revoked the license held by such person: *And provided,* That such officer shall, at the time of taking such sample, also deliver a like sample of the milk or cream in a bottle duly sealed by said officer to the person having custody of such milk or cream at the time the sample is taken, and no prosecution shall be instituted for violation of this ordinance based upon such sample taken by said officer, unless such duplicate sample shall have been furnished by said officer.

SEC. 11. It shall be unlawful for any person engaged in the sale or disposal of milk or cream in the city of Portland to change the source of supply of said milk or cream, or any part thereof, without first sending a written notice to the board of health, stating the names of the persons supplying such milk or cream and the location of the dairies from which the same is procured, and the number of cows in the dairy herds. If such new source of supply shall not have been already examined and inspected as required by this ordinance, it shall be unlawful to sell milk therefrom in the city of Portland until such inspection shall have been made and until the same is made to comply with this ordinance. If any new cow is added to any herd from which milk is supplied in the city of Portland, it shall be so inspected before its milk is sold or placed upon the market in the city of Portland.

SEC. 12. It shall be unlawful for any person to sell in the city of Portland, or to ship or bring into said city for sale as human food, any unclean, impure, infected, unwholesome, watered, adulterated, or chemically preserved milk, or any milk produced under unsanitary conditions about the barnyard, or drawn in overcrowded, unventilated stables, or stables which are filthy from the accumulation of animal refuse, or which are unsanitary from any other cause; or any milk prepared for market in dark, unclean, unventilated milk rooms, or collected or conveyed in unclean, unsanitary utensils or vehicles; or milk exposed to pollution, or infected by flies, or infected in any other way; or any milk drawn from sick or diseased cows with filthy udders, or from cows within 30 days before or 6 days after parturition; or any milk handled in any way by sick, unclean, or diseased persons, or persons having recently been exposed to any infectious or contagious disease; or any milk drawn from cows fed upon garbage or slops from distilleries, breweries, vinegar factories, or any similar slops, mash, or food that has been subject to fermentation or putrefaction. Nothing herein contained shall prevent the feeding of fresh malt or silo food.

SEC. 13. All cows from which milk is sold in the city of Portland shall be comfortably sheltered or housed in buildings with tight walls and ceilings and with tight, sound floors and proper gutters. For the admission of light there shall be not less than 2 square feet of glass for each cow or other animal, with such sources of light evenly distributed. Such buildings shall be well ventilated, but free from drafts, having not less than 500 cubic feet of air space for each cow. All stables in which cows are kept shall be supplied with an abundance of dry, clean bedding of straw or similar material. The cows shall be well fed with clean, wholesome food and have an abundance of clean, fresh water accessible. All stables shall be clean, well drained, and free from all filth and contaminating surroundings, and manure shall not be allowed to accumulate in such stables. The barnyard and places where the cows are allowed to be shall be well drained and free from filth, standing liquid manure. All manure shall be removed daily to a field or proper pit at least 50 feet away from such stables and yards. Cows shall at all times be kept clean, and just before milking shall be brushed on and around the udder and under and on the side of the cow, to remove loose hair or other particles that may have accumulated. The udders shall be washed and dried at least 15 minutes before milking, and the hands of the milker shall be clean and dry. The air in the stable at the time of milking shall be free from dust, foul air, and obnoxious or unwholesome odors.

SEC. 14. Milk which is to be sold or delivered in the city of Portland shall, immediately upon being drawn from the cow, be removed from the stable to a light, well-ventilated room which shall be screened from flies and which shall be separate and apart from said stable, and said milk shall be cooled to a temperature below 50° F.; and any milk reaching a temperature above 60° F. shall, for the purposes of this ordinance, be declared unwholesome and unsalable as fresh milk.

SEC. 15. All utensils used for the collection or transportation of milk or cream shall, before being used, be thoroughly washed and then sterilized with boiling water or live steam. Any milk or cream collected or transported in utensils not treated and cared for as above provided shall, for the purposes of this ordinance, be declared unwholesome and unsalable as fresh milk or cream. All vessels or utensils used for shipping milk or cream to the city of Portland from points outside of the city shall be securely sealed.

SEC. 16. No milk or cream offered for sale in the city of Portland shall be drawn or placed in bottles except on the premises on which said milk is produced, or on the premises of the retailer or wholesaler, in which case it must be handled in a cleanly and sanitary manner satisfactory to the board of health, and protected from pollution of every kind; and any milk bottled while being transported shall, for the purposes of this ordinance, be declared unwholesome and unsalable as fresh milk.

SEC. 17. No milk or cream shall be delivered in bottles which are to be returned to the dealer, at any house under quarantine or at any house where such dealer has been given notice that tuberculosis or other contagious disease exists.

SEC. 18. That there be, and hereby is, established the following standard of normal milk, and normal milk is hereby defined to be milk containing not less than 3.2 per cent of butter fat, and not less than 8.5 per cent of milk solids other than butter fat, and having a specific gravity of not less than 1.029 or more than 1.034, and an average amount of cream of not less than 8 per cent of the volume, and free from dirt, pus, blood cells, and disease germs. Milk or cream containing more than 200,000 bacteria to the cubic centimeter shall, for the purposes of this ordinance, be declared unwholesome and unsalable as fresh milk or cream. All cream shall contain not less than 20 per cent of the fatty portions of pure milk which rise to the surface when milk is left at rest, or is separated by other means.

SEC. 19. No person shall sell, deliver or expose or hold for sale, in the city of Portland, or ship or bring into the city of Portland for sale as human food, any milk from which the cream or any part thereof has been removed, unless the same shall be contained in cans labeled in red letters or red labels not less than 2 inches high "Skimmed milk," and unless the same is represented to be and is sold as skimmed milk. All hotels and restaurants in the city of Portland serving skimmed milk shall have displayed a sign or placard in a conspicuous place with the words "Skimmed milk" in letters not less than 3 inches in height thereon; the said sign or placard shall be so placed where the same can be seen from all parts of the dining room or rooms, and shall have the same listed "Skimmed milk" on the bill of fare.

SEC. 20. The board of health shall keep a record of all certificates of inspection granted for the sale of milk in said city and shall keep such records in a systematic manner and available for the inspection of the public.

SEC. 21. At the end of each month a report of all inspections made during that month shall be submitted by each inspector, in writing, to the board of health. The scoring system recommended by the United States Bureau of Animal Industry shall be utilized and used in the inspection of all dairies, and the detailed score of each dairy inspected shall be submitted with aforesaid report. If for two successive inspections, providing said inspections shall be made not less than one month apart, a total score of 60 points out of a possible 100 as provided for by the scoring system of the United States Bureau of Animal Industry shall not be made, the board of health shall notify the licensee that his license will be revoked if upon further investigation the dairy shall be found unsanitary. A statement of the score of each licensee shall be published on the 10th day of each month in the city official newspaper.

SEC. 22. The board of health of the city of Portland is hereby authorized and empowered to, from time to time, formulate such rules and regulations, not inconsistent with the provisions of this ordinance, and necessary to secure a standard of milk required by the provisions of this ordinance; and it shall be unlawful for any person to fail, neglect, or refuse to comply with such rules and regulations, and the council may revoke any permits or licenses issued, upon recommendation of said board.

SEC. 23. The word "person" whenever used in this ordinance shall be taken to mean and include natural persons of either sex, copartnership, corporations and associations of persons, whether acting by themselves, or by any servant or agent or employee; the singular number shall include the plural and the masculine pronoun shall include the feminine and neuter. Whenever the word "sell" or any of the forms of that word are used in this ordinance, it shall mean and include the delivery, giving away, or otherwise disposing of the article mentioned, and also the keeping and exposing for sale or the placing upon the market of such article for human food. The word "milk," unless otherwise expressly stated, shall mean and include milk, cream, and any liquid derivative of milk.

SEC. 24. When any milk sold or kept for sale in the city of Portland is found upon inspection or otherwise to be in a condition or of a quality prohibited by this ordinance, or produced or handled in violation of this ordinance, the board of health, after giving the owner an opportunity to be heard in defense of his property, may cause the same to be destroyed or disposed of otherwise than as human food.

SEC. 25. Any person who violates any of the provisions of this ordinance shall, upon conviction thereof in the municipal court, be punished by a fine of not more than $500 or by imprisonment in the city jail not exceeding six months, or by both such

fine and imprisonment in the discretion of the court. In prosecutions under this ordinance it shall not be necessary to prove guilty knowledge or criminal intent.

SEC. 26. That ordinances Nos. 20426, 20550, and 19090 of the city of Portland be, and the same are hereby, repealed: *Provided*, That this repeal shall not annul, suspend, or affect in any way proceedings now pending in any court under the foregoing ordinances or any one of them.

SEC. 27. Inasmuch as this ordinance is necessary for the immediate preservation of the public health, peace, and safety of the city of Portland and the inhabitants thereof in this: That present ordinances regulating the supply of milk to the inhabitants of the city of Portland are insufficient and inadequate; therefore an emergency is hereby declared, and this ordinance shall go into force and effect from and after its approval by the mayor. [Ordinance adopted January 11, 1911.]

PLAGUE-PREVENTION WORK.

PLAGUE-INFECTED GROUND SQUIRREL FOUND IN CALIFORNIA.

During the week ended October 21, 1911, the finding of one plague-infected ground squirrel was reported. The squirrel was found in Alameda County, Cal., October 9, 1911, at E. M. O'Brian ranch, 4 miles east of Fruitvale.

DISTRIBUTION OF POISON.

In connection with the making and maintenance of a squirrel-free zone around the cities of California on San Francisco Bay, 7,405 acres of land in Alameda County were covered with poison during the week ended October 21, 1911.

During the same period 3,960 acres of land in San Joaquin County and 6,410 acres in Stanislaus County were covered with poison for the purpose of eradicating plague foci.

Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco	Jan. 30, 1908	Oct. 23, 1908	None	398 rats.
Oakland	Aug. 9, 1911	Dec. 1, 1908	do	126 rats.
Berkeley	Aug. 27, 1907	None	do	None.
Los Angeles	Aug. 11, 1908	do	Aug. 21, 1908	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909	Wood rat, Oct. 17, 1909.	Oct. 9, 1911	114 squirrels and 1 wood rat.
Contra Costa	July 21, 1911	None	Sept. 23, 1911	364 squirrels.
Merced	None	do	July 13, 1911	5 squirrels.
Monterey	do	do	Aug. 6, 1911	5 squirrels.
San Benito	June 5, 1910	do	June 8, 1911	22 squirrels.
San Joaquin	Sept. 18, 1911	do	Aug. 26, 1911	18 squirrels.
San Luis Obispo	None	do	Jan. 29, 1910	1 squirrel.
Santa Clara	Aug. 23, 1910	do	Oct. 5, 1910	23 squirrels.
Santa Cruz	None	do	May 17, 1910	3 squirrels.
Stanislaus	do	do	June 2, 1911	13 squirrels.
Washington:				
City—				
Seattle	Oct. 30, 1907	Sept. 21, 1911	None	25 rats.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley	Oct. 21, 1911	.....	[1] 144	51	.....
Oakland	do	30	[2] 644	501	.....
San Francisco	do	18	[3] 1,538	1,066	.....
County—					
Stanislaus	do	.....	[4] 63	63	.....
Washington:					
City—					
Seattle	do	.....	1,119	970	.....

[1] Identified, Mus norvegicus 103, Mus musculus 41.
[2] Identified, Mus norvegicus 568, Mus musculus 74, Mus rattus 2.
[3] Identified, Mus norvegicus 938, Mus musculus 364, Mus rattus 129, Mus alexandrinus 107.
[4] Identified, Mus norvegicus 1, Mus musculus 4, Mus alexandrinus 58.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda	Oct. 21, 1911		149	149	1
Kern	do	31		31	
Merced	do	268		124	
San Benito	do	56		56	
San Joaquin	do	88		88	
Stanislaus	do	105		105	
Total		548	149	553	1

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
Berkeley	Oct. 21, 1911	1 gopher	1	
San Francisco	do	2 gophers		
Counties—				
Alameda	do	2 rabbits	2	
Kern	do	1 weasel	1	
Merced	do	3 rabbits	3	
San Joaquin	do	11 rabbits	11	
Stanislaus	do	8 rabbits	8	
Total			26	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

Reports Received During Week Ended Nov. 10, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Colorado:				
Counties—				
Denver	Oct. 1-31	13		
El Paso	do	1		
Fremont	do	1		
Kiowa	do	1		
Logan	do	1		
Phillips	do	1		
Pueblo	do	1		
Total for State		19		
Massachusetts	Aug. 1-31			The case appearing in table on page 1714, issue of Nov. 3, was an error.
South Dakota:				
Counties—				
Hamilton	Sept. 1-30	1		
Hutchinson	do	2		
Roberts	do	1		
Tripp	do	5		
Total for State		9		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended Nov. 10, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Washington:				
Counties—				
Chehalis	Aug. 1-31	1		
Chelan	do	1		
King	do	14		
Spokane	do	6		
Yakima	do	21		
Total for State		43		

Reports Received from July 1 to Nov. 3, 1911.

[For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Mobile	June 18-24	3		
Montgomery	June 25-Aug. 30	6		
Total for State		9		
Arizona:				
County—				
Cochise	July 1-31	7		Aug. 1-31, no cases.
California	June 1-30		2	
Counties—				
Alameda	Aug. 1-31	1		
Fresno	do	4		
Los Angeles	May 1-Aug. 31	11		
Sacramento	Aug. 1-31	1		
San Bernardino	do	2		
Santa Cruz	May 1-31	2		
San Diego	May 1-July 31	1		
San Francisco	May 1-Aug. 31	5		
San Joaquin	Aug. 1-31	1		
Siskiyou	do	2		
Tulare	do	1		
Ventura	July 1-Aug. 31	2		
Total for State		33	2	
Colorado:				
Counties—				
Archuleta	Aug. 1-31	1		
Boulder	June 1-July 31	3		
Chaffee	June 1-30	3		
Clear Creek	June 1-July 31	8		
Conejos	do	4		
Costilla	June 1-30	1		
Delta	do	7		
Denver	June 1-Sept. 30	37		
Fremont	Aug. 1-31	2		
El Paso	June 1-30	2		
Huerfano	June 1-Aug. 31	7		
Jefferson	Aug. 1-31	1		
Kiowa	July 1-Sept. 30	7		
Lake	June 1-Sept. 30	10		
La Plata	June 1-July 31	7		
Larimer	June 1-Aug. 31	10		
Las Animas	Aug. 1-31	1		
Lincoln	June 1-30	2		
Mesa	do	1		
Morgan	Aug. 1-31	3		
Montrose	July 1-31	2		
Otero	do	1		
Phillips	do	1		
Pueblo	June 1-Sept. 30	8		
San Miguel	June 1-30	1		
Summit	Sept. 1-30	4		
Washington	June 1-July 31	11		
Weld	July 1-Sept. 30	2		
Total for State		147		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received From July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Connecticut, entire State				May 1-31, no cases.
Middlesex County	July 1-Aug. 31	2		
District of Columbia	July 2-8	5		
Florida:				
Counties—				
Alachua	Aug. 20-26	3		
Bradford	July 17-Sept. 30	8		
Citrus	July 9-22	2		
Columbia	July 2-8	1		
De Soto	June 16-Aug. 26	7		
Duval	June 16-Sept. 23	44	1	
Escambia	June 16-Aug. 26	7		
Gadsden	July 9-Sept. 23	72		
Hillsboro	June 16-Aug. 26	3		
Jackson	July 2-Sept. 30	57		
Jefferson	Sept. 16-23	20		
Leon	June 16-July 8	11		
Levy	July 9-16	1		
Madison	Sept. 10-16	2		
Manatee	June 16-July 8	8		
Marion	July 9-Sept. 16	2		
Orange	June 16-July 16	2		
Pasco	July 9-16	20		
Polk	June 16-July 16	5		
Santa Rosa	July 9-16	6		
Sumter	Aug. 1-6	1		
Volusia	July 9-16	1		
Washington	Aug. 1-26	8		
Total for State		291	1	
Indiana:				
Counties—				
Adams	Aug. 1-31	1		
Allen	June 1-30	1		
Bartholomew	July 1-31	1		
Benton	June 1-30	2		
Blackford	do	4		
Boone	Aug. 1-31	1		
Cass	do	1		
Clarke	July 1-31	2		
Clinton	June 1-30	7		
Delaware	June 1-Aug. 31	14		
Franklin	July 1-31	1		
Henry	June 1-Sept. 30	3		
Howard	do	43		
Jay	June 1-30	2		
Lake	Aug. 1-31	3		
Laporte	June 1-30	2		
Madison	June 1-Aug. 31	21		
Marion	do	4		
Orange	Aug. 1-31	2		
Parke	June 1-July 31	4		
Posey	June 1-30	3		
Rush	Aug. 1-31	3		
Shelby	June 1-30	3		
Tippecanoe	July 1-31	2		
Tipton	June 1-Sept. 30	7		
Vanderburg	June 1-Aug. 31	1	1	
Vigo	July 1-Sept. 30	25		
Wabash	June 1-30	2		
Wayne	June 1-July 31	13		
Total for State		178	1	
Iowa:				
Counties—				
Adams	June 1-July 31	19		
Appanoose	June 1-30	1		
Blackhawk	do	4		
Carroll	do	1		
Davis	do	3		
Decatur	June 1-July 31	2		
Fremont	June 1-Sept. 30	11		
Henry	June 1-30	2		
Johnson	July 1-31	13		
Lee	June 1-30	1		
Linn	July 1-Aug. 31	9		
Madison	Sept. 1-30	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Iowa—Continued.				
Counties—Continued.				
Marshall	June 1-Aug. 31	9		
Mills	June 1-30	1	1	
Polk	June 1-Sept. 30	14		
Pottawattamie	do	42		
Scott	do	7		
Sioux	June 1-July 31	8		
Taylor	do	9		
Wapello	June 1-Aug. 31	5		
Wright	June 1-30	1		
Woodbury	July 1-31	1		
Total for State		164	1	
Kansas:				
Counties—				
Allen	May 1-31	7		
Anderson	June 1-30	15		
Atchison	May 1-June 30	2		
Barton	do	8		
Brown	Aug. 1-31	5		
Clark	July 1-Aug. 31	3		
Clay	May 1-31	1		
Cloud	do	1		
Crawford	May 1-July 31	19		
Dickinson	May 1-31	13		
Doniphan	do	15		
Douglas	May 1-Aug. 31	5		
Elk	May 1-31	15		
Ellsworth	June 1-30	1		
Franklin	May 1-31	4		
Graham	May 1-June 30	3		
Harvey	May 1-Aug. 31	33		
Haskell	May 1-31	15		
Jefferson	May 1-July 31	9		
Jewell	July 1-Aug. 31	7		
Johnson	May 1-June 30	5		
Kearny	June 1-July 31	2		
Labette	May 1-Aug. 31	14		
Lane	June 1-30	11		
Leavenworth	May 1-June 30	3		
Lyon	July 1-Aug. 31	3		
Marion	May 1-31	3		
Marshall	do	3		
Miami	do	3		
Mitchell	do	6		
Montgomery	do	5		
Norton	June 30	9		
Osage	May 1-31	1	3	
Pottawatomie	do	2		
Reno	do	3		
Republic	May 1-Aug. 31	5		
Rice	June 30	13		
Riley	May 1-June 30	9		
Rooks	May 1-July 31	13		
Saline	May 1-Aug. 31	8		
Sedgwick	May 1-July 31	12		
Shawnee	May 1-Aug. 31	73	17	
Sherman	June 1-30	1		
Smith	May 1-31	18		
Thomas	do	2		
Washington	do	1		
Wyandotte	May 1-Aug. 31	26		
Total for State		439	20	
*Kentucky:				
Covington	July 2-22	10		
Louisville	May 1-31	4		
Total for State		14		
*Louisiana:				
Parishes—				
Ascension	Mar. 1-31	21		
Morehouse	Apr. 1-30	4		
Orleans—				
New Orleans	June 25-Oct. 7	5		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Louisiana—Continued.				
Parishes—Continued.				
St. Tammany	Mar. 1-31	3		
Tangipahoa	Mar. 1-Apr. 30	21		
Total for State		54		
Maine, entire State				July 1-31, no cases.
Counties—				
Androscoggin	Aug. 1-31	3		
Somerset	June 1-30	3		
Total for State		6		
Maryland:				
Counties—				
Frederick	July 1-31	3		
Prince Georges	do	1		
Washington	June 1-30	1		
Total for State		5		
Massachusetts				July 1-31, no cases.
County—				
Bristol	Sept. 1-30	1		
Middlesex	June 1-30	1		
Total for State		2		
Michigan:				
Counties—				
Antrim	do	2		
Calhoun	June 1-July 31	12		
Cheboygan	July 1-31	10		
Grand Traverse	June 1-Sept. 30	7		
Gratiot	Aug. 1-Sept. 30	3		
Isabella	June 1-30	1		
Mackinac	June 1-Aug. 31	8		
Marquette	June 1-30	1		
Milford	July 1-31	1		
Montcalm	July 1-Aug. 31	8		
Muskegon	July 1-31	2		
Oakland	June 1-30	1		
Ottawa	do	1		
Saginaw	Sept. 1-30	1		
St. Clair	June 1-Sept. 30	23		
Shiawassee	June 1-30	1		
Tuscola	Sept. 1-30	1		
Washtenaw	June 1-July 31	6		
Wayne	June 1-Sept. 30	9		
Total for State		98		
Minnesota:				
Counties—				
Ramsey	Mar. 1-31		1	
	May 1-31		1	
Brown	June 20-26	2		
Carver	June 1-5	1		
Dodge	July 4-Sept. 25	5		
Faribault	June 6-17	2		
Fillmore	June 6-12	1		
Goodhue	July 25-31	1		
Hennepin	June 1-Oct. 2	45		
Houston	July 25-31	1		
Lac qui Parle	June 1-19	4		
Mille Lacs	June 1-5	1		
Ottertail	June 1-Sept. 18	8		
Ramsey	June 1-Oct. 2	59		
Redwood	Aug. 15-21	1		
Rock	Aug. 29-Sept. 4	1		
St. Louis	June 21-Sept. 18	13		
Wadena	July 11-Aug. 7	3		
Yellow Medicine	June 1-26	35		
Total for State		183	2	
*Missouri:				
Kansas City	June 1-Aug. 31	22	1	
St. Louis	June 18-Sept. 2	2		
Total for State		24		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Montana				June 1-30, no cases.
Counties—				
Beaverhead	July 1-31	1		
Cascade	do	1		
Jefferson	do	4		
Park	do	1		
Powell	do	2		
Silver Bow	do	3		
Teton	do	3		
Yellowstone	do	1		
Total for State		16		
*Nebraska:				
Lincoln	Feb. 1-Sept. 30	201		July 1-31, no cases.
Omaha	June 19-Aug. 19	4		
South Omaha	Aug. 20-26	1		
Total for State		206		
New Hampshire	June 9-Sept. 30	45		
New Jersey				No cases in June and August.
Counties—				
Cumberland	Sept. 1-30	1		
Middlesex	July 1-31	1		
Total for State		2		
New York	June 1-30	1		
Counties—				
Albany	Sept. 1-30	2		
Cattaraugus	July 1-Sept. 30	9		
Erie	June 1-Sept. 30	19		
Clinton	June 1-30	1		
Franklin	do	1		
Jefferson	Aug. 1-31	1		
Monroe	June 1-30	4		
Onondaga	June 1-Aug. 31	10		
Otsego	June 1-30	1		
St. Lawrence	do	4		
Schoharie	July 1-31	11		
Steuben	July 1-Sept. 30	9		
Tioga	June 1-30	1		
Ulster	do	5		
Wayne	July 1-31	1		
Wyoming	do	1		
Total for State		81		
North Carolina:				
Counties—				
Alamance	June 1-July 31	2		
Anson	Sept. 1-30	16		
Avery	June 1-July 31	56		
Bertie	do	2		
Catawba	June 1-Sept. 30	3		
Chatham	June 1-Aug. 31	2		
Craven	do	3		
Cumberland	June 1-Sept. 30	9		
Currituck	July 1-31	1		
Duplin	do	3		
Durham	July 1-Aug. 31	5		
Edgecombe	June 1-30	4		
Forsyth	Sept. 1-30	1		
Granville	July 1-Sept. 30	29		
Guilford	Aug. 1-31	3		
Harnett	Aug. 1-Sept. 30	3		
Haywood	June 1-Sept. 30	4		
Henderson	June 1-30	4		
Hoke	Sept. 1-30	1		
Johnston	July 1-31	1		
Lincoln	Sept. 1-30	1		
McDowell	Aug. 1-31	1		
Mecklenburg	July 1-Sept. 30	10		
Mitchell	Sept. 1-30	1		
New Hanover	June 1-July 31	7		
Pasquotank	June 1-30	2		
Randolph	Sept. 1-30	1		
Robeson	July 1-Sept. 30	16		
Rockingham	Sept. 1-30	2		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Counties—Continued.				
Rowan	June 1–July 31	2		
Sampson	July 1–31	1		
Vance	Aug. 1–Sept. 30	20		
Warren	July 1–Aug. 31	11		
Wautauga	June 1–30	2		
Wayne	July 1–31	1		
Wilmington	do	3		
Yancey	Sept. 1–30	2		
Total for State		235		
North Dakota:				
Counties—				
Billings	June 1–July 31	8		
Cass	Aug. 1–Sept. 30	5		
Cavalier	Sept. 1–30	4		
Grand Forks	do	2		
Lamoure	July 1–Sept. 30	7		
McKenzie	Aug. 1–31	1		
Morton	June 1–30	1		
Mountrail	do	6		
Nelson	Aug. 1–31	4		
Ward	June 1–30	1		
Total for State		39		
Ohio:				
Counties—				
Ashtabula	June 1–July 31	3		
Brown	June 1–30	4		
Clark	July 1–31	19		
Clermont	June 1–30	3		
Defiance	do	1		
Franklin	July 1–31	44		
Geauga	June 1–30	2		
Hamilton	July 1–Aug. 31	19		
Licking	July 1–31	1		
Lorain	do	5		
Lucas	July 1–Aug. 31	6		
Pickaway	July 1–31	3		
Ross	Aug. 1–31	9		
Sandusky	June 1–30	4		
Total for State		123		
Oklahoma:				
Counties—				
Bryan	June 1–30	1		
Caddo	May 1–31	1		
Carter	June 1–30	1		
Cleveland	May 1–June 30	49		
Comanche	June 1–Aug. 31	9		
Craig	June 1–30	6		
Custer	May 1–31	5		
Dewey	do	6		
Ellis	June 1–30	3		
Garvin	May 1–31	19		
Haskell	May 1–July 31	9		
Hughes	May 1–Aug. 31	9		
Jefferson	May 1–June 30	7		
Johnson	May 1–31	3		
Kay	do	6		
Kingfisher	do	1		
Kiowa	do	1		
Le Flore	May 1–June 30	3		
Logan	June 1–30	1		
McClain	May 1–31	18		
McIntosh	do	1		
Nowata	May 1–June 30	2		
Okfuskee	May 1–31	1		
Oklahoma	May 1–June 30	10		
Pittsburg	June 1–30	1		
Pontotoc	May 1–31	5		
Pottawatomie	June 1–30	3		
Pushmataha	May 1–31	2		
Roger Mills	May 1–June 30	6		
Rogers	July 1–31	1		
Seminole	May 1–June 30	16		
Sequoyah	Aug. 1–31	3		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Oklahoma—Continued.				
Counties—Continued.				
Tulsa	May 1-Aug. 31	11		
Wagoner	May 1-31	1		
Washington	June 1-30	1		
Washita	May 1-June 30	2		
Woodward	May 1-31	1		
Total for State		225		
Oregon:				
Counties—				
Baker	June 1-30	1		
Benton	May 1-31	1		
Cass	Aug. 1-31	1		
Douglas	Apr. 1-30	1		
Grant	Aug. 1-31	3		
Josephine	do	1		
Linn	Apr. 1-July 31	2		
Morrow	May 1-31	1		
Multnomah	Apr. 1-July 31	15		
Union	June 1-30	1		
Wasco	do	8		
Washington	Apr. 1-June 30	7		
Yamhill	June 1-30	1		
Total for State		43		
Pennsylvania	May 1-June 30	79		
***Rhode Island:**				
Providence	June 15-July 14	3		
***South Carolina:**				
Port Royal	July 22	1		
South Dakota:				
Counties—				
Aurora	June 1-July 31	3		
Beadle	May 1-31	13		
Brookings	Apr. 1-30	9		
Brown	Apr. 1-June 30	10		
Brule	Apr. 1-May 21	6		
Charles Mix	June 1-30	1		
Codington	June 1-Aug. 31	8		
Davison	May 1-July 31	7		
Day	June 1-30	1		
Dewey	June 1-Aug. 31	5		
Fall River	Apr. 1-May 31	18		
Grant	do	4		
Hanson	May 1-31	1		
Hughes	June 1-30	1		
Hutchinson	Apr. 1-Aug. 31	2		
Jerauld	May 1-June 30	6		
Kingsbury	Apr. 1-May 31	8		
Lawrence	Apr. 1-July 31	7		
Lincoln	do	1		
Lyman	Apr. 1-May 31	16	1	
McCook	do	11		
Miner	Apr. 1-June 30	5		
Minnehaha	do	15		
Pennington	do	48		
Sanborn	May 1-31	3		
Spink	Apr. 1-Aug. 31	9		
Tripp	Apr. 1-June 30	7		
Turner	July 1-31	5		
Total for State		230	1	
***Tennessee:**				
Counties—				
Knox—				
Knoxville	June 18-July 22	9		
Shelby	June 1-Aug. 31	10		
Total for State		19		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Texas	May 1-31	12		
	July 1-31	1	1	
Counties—				
Brazoria	Aug. 1-Sept. 30	5		
Bell	June 1-30	2		
Cameron	May 1-Aug. 31	34		
Childress	June 1-30	1		
Collin	May 1-31	5		
Dallas	do	13		
Denton	Apr. 1-May 31	5		
Eastland	Aug. 1-31	5		
El Paso	May 1-July 31	11		
Floyd	May 1-31	3		
Galveston	May 1-June 30	7		
Hale	Sept. 1-30	1		
Hall	May 1-June 30	4		
Harris	May 1-Aug. 31	6		
Hidalgo	May 1-31	3		
Hunt	June 1-July 31	5		
Marion	May 1-31	1		
McLennan	do	1		
Navarro	do	32		
Nueces	do	5		
Tarrant	May 1-June 30	9		
Titus	May 1-31	5		
Victoria	July 1-31	1		
Wayne	June 1-30	5		
Wharton	Sept. 1-30	1		
Wichita	May 1-31	6		
Total for State		189	1	
Utah:				
Counties—				
Beaver	May 1-July 31	18		
Boxelder	do	31		
Cache	May 1-June 30	14		
Carbon	May 1-Sept. 30	118	2	
Emery	do	93	1	
Garfield	May 1-Aug. 31	20		
Juab	July 1-Sept. 30	6		
Piute	May 1-31	9		
Rich	July 1-31	16		
Salt Lake	May 1-Sept. 30	41		
Sanpete	do	65		
Sevier	do	50		
Tooele	May 1-June 30	33		
Uinta	May 1-Sept. 30	18		
Utah	May 1-July 31	18	1	
Washington	do	1		
Weber	do	11		
Total for State		562	4	
Virginia:				
Counties—				
Augusta	Aug. 1-Sept. 30	4		
Brunswick	Mar. 1-May 31	49		
Campbell	May 1-Aug. 31	2		
Chesterfield	Sept. 1-30	1		
Dinwiddie	Apr. 1-May 31	19		
Essex	Aug. 1-31	1		
Fairfax	Mar. 1-Aug. 31	6		
Fauquier	Apr. 1-May 30	6		
Grayson	Sept. 1-30	2		
Greenville	July 1-31	4		
Halifax	Aug. 1-31	1		
Hanover	Mar. 1-July 31	3		
Henrico	Mar. 1-Aug. 31	17		
Henry	do	77		
Isle of Wight	May 1-31	1		
Lancaster	do	1		
Lee	Mar. 1-Aug. 31	107		
Loudoun	Mar. 1-31	1		
Mecklenburg	Mar. 1-June 30	18		
Nansemond	Mar. 1-Sept. 30	27		
Norfolk	Apr. 1-May 31	26		
Northampton	Apr. 1-30	1		
Page	do	8		
Pittsylvania	Mar. 1-July 31	46		
Prince William	Mar. 1-31	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from July 1 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Counties—Continued.				
Princess Anne	Mar. 1-31	1		
Roanoke	May 1-31	1		
Southampton	Mar. 1-Sept. 30	12		
Spottsylvania	Sept. 1-30	1		
Surry	Mar. 1-31	2		
Sussex	Mar. 1-June 30	7		
Wise	do	15		
Total for State		468		
Washington:				
Counties—				
Adams	June 1-30	1		
Benton	July 1-31	2		
Chehalis	May 1-July 31	4		
Chelan	do	2		
Clallam	June 1-30	2		
Columbia	May 1-31	5		
Cowlitz	May 1-July 31	4		
Garfield	do	5		
King	May 1-June 30	78		
Kitsap	June 1-30	2		
Kittitas	July 1-31	2		
Lewis	June 1-30	2		
Mason	May 1-June 30	33		
Okanogan	June 1-30	2		
Pierce	May 1-July 31	11		
San Juan	May 1-31	1		
Skagit	May 1-July 31	5		
Skamania	June 1-30	1		
Spokane	May 1-July 31	9		
Thurston	May 1-31	1		
Whatcom	do	5		
Whitman	do	17		
Yakima	May 1-July 31	69		
Total for State		263		
Wisconsin				July 1-31, no cases.
Counties—				
Ashland	June 1-30	1		
Barron	June 1-Aug. 31	4		
Douglas	June 1-Sept. 30	22		
Iowa	June 1-30	8		
Milwaukee	do	1		
Pierce	Aug. 1-Sept. 30	10		
Vilas	June 1-30	1		
Wood	June 1-Sept. 30	11		
Total for State		58		
Grand total for the United States		4,549	34	

PLAGUE IN THE UNITED STATES.

Reports Received from July 25 to Nov. 3, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
California:				
Counties—				
Alameda—				
Oakland	Aug. 9	1		Infection received at Pinole Canyon, Contra Costa County, Cal.
Contra Costa	July 25-26	1	1	1 mile nw. of Lafayette.
San Joaquin	Sept. 18	1		2 miles ne. of Ripon.

MORBIDITY AND MORTALITY.

Morbidity and Mortality Table, Cities of the United States, for Week Ended Oct. 21, 1911.

Cities.	Population, United States census 1910.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Smallpox.		Tuberculosis.		Typhoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having over 500,000 inhabitants.														
Baltimore, Md	558,485	162	19	1	....	....	25	....	....	....	36	26	36	8
Boston, Mass	670,585	.....	43	2	18	....	31	....	....	....	70	22	12	2
Chicago, Ill	2,185,283	546	208	21	27	....	114	....	....	....	157	93	42	4
Cleveland, Ohio	560,663	138	65	4	3	....	38	1	....	....	27	5	16	....
New York, N. Y	4,766,883	1,264	187	13	96	2	121	1	....	....	362	153	135	11
Philadelphia, Pa	1,549,008	486	71	8	6	....	21	1	....	....	88	54	27	6
Pittsburg, Pa	533,905	132	51	7	9	....	31	2	....	....	20	7	8	2
St. Louis, Mo	687,029	165	20	1	1	....	24	1	....	....	38	19	17	2
Cities having from 300,000 to 500,000 inhabitants.														
Buffalo, N. Y	423,715	158	25	....	4	....	20	7	....	....	11	11	14	2
Cincinnati, Ohio	364,463	115	19	2	1	....	16	1	....	....	22	20	7	....
Detroit, Mich	465,766	133	24	4	....	....	11	1	1	....	....	....	....	....
Los Angeles, Cal	319,198	77	3	....	1	....	14	1	....	....	12	14	5	1
Milwaukee, Wis	373,857	89	16	4	3	....	30	....	....	....	18	14	16	1
Newark, N. J	347,469	86	25	2	....	....	20	....	....	....	27	....	8	1
New Orleans, La	339,075	116	12	....	2	....	23	....	....	....	34	16	8	1
San Francisco, Cal	416,912	144	3	....	86	1	5	....	....	....	45	6	21	2
Washington, D. C	331,069	123	16	....	2	....	4	....	....	....	20	9	18	2
Cities having from 200,000 to 300,000 inhabitants.														
Jersey City, N. J	267,779	84	....	3	....	....	....	....	....	....	....	6	....	....
Providence, R. I	224,326	59	11	....	3	....	15	....	....	....	2	9	7	2
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn	102,054	22	5	....	....	....	2	....	....	....	7	2	3	1
Cambridge, Mass	104,839	26	10	....	1	....	2	....	....	....	4	2	2	....
Columbus, Ohio	181,548	58	18	....	1	....	12	....	....	....	9	7	4	....
Dayton, Ohio	116,577	32	3	1	....	....	....	....	....	....	....	5	2	1
Fall River, Mass	119,295	27	2	....	....	....	....	....	....	....	4	3	2	1
Grand Rapids, Mich	112,571	25	....	....	....	....	1	....	....	....	1	1	4	2
Lowell, Mass	106,294	31	5	1	....	....	14	....	....	....	1	2	....	1
Nashville, Tenn	110,364	.....	5	1	....	....	1	....	....	....	2	2	9	....
Omaha, Nebr	124,096	.....	24	....	....	....	....	....	....	....	....	1	....	....
Spokane, Wash	104,402	.....	4	....	1	....	2	....	....	....	....	2	14	1
Toledo, Ohio	168,497	38	14	....	1	....	6	....	....	....	....	3	4	2
Worcester, Mass	145,986	38	18	1	....	....	12	....	....	....	2	1	5	1
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa	52,127	12	4	....	....	....	....	....	....	....	....	....	1	....
Bayonne, N. J	55,545	10	3	....	1	....	1	....	....	....	1	1	....	....
Brockton, Mass	56,878	10	....	....	1	....	2	....	....	....	1	2	2	....
Camden, N. J	94,538	.....	8	2	....	....	3	....	....	....	3	....	....	....
Covington, Ky	53,270	16	2	....	....	....	2	....	....	....	....	3	1	....
Duluth, Minn	78,466	15	5	....	....	....	8	....	1	....	2	1	3	....
Elizabeth, N. J	73,409	24	6	....	2	....	1	....	....	....	2	2	1	....
Erie, Pa	66,525	12	1	....	....	....	....	....	....	....	5	4	1	....
Evansville, Ind	69,647	23	7	1	....	....	....	....	....	....	3	3	5	1
Harrisburg, Pa	64,186	15	9	....	....	....	....	....	....	....	5	2	2	....
Hartford, Conn	98,915	22	7	....	....	....	5	....	....	....	....	1	1	....
Hoboken, N. J	70,324	.....	....	....	....	....	2	....	....	....	....	1	....	....
Jacksonville, Fla	57,699	.....	1	....	1	....	....	....	2	....	....	1	3	....
Johnstown, Pa	55,482	19	3	....	....	....	4	....	....	....	2	1	2	1
Kansas City, Kans	82,331	.....	4	....	....	....	2	....	....	....	3	....	4	....
Lawrence, Mass	85,892	31	2	....	1	....	2	....	....	....	3	7	....	1
Lynn, Mass	89,336	17	4	1	....	....	9	....	....	....	....	1	1	1
Manchester, N. H	70,063	16	4	1	....	....	2	....	....	....	....	....	....	....
New Bedford, Mass	96,652	32	....	....	....	....	....	....	....	....	....	1	....	....
Oklahoma City, Okla	64,205	18	3	....	....	....	3	....	....	....	....	1	10	3
Passaic, N. J	54,773	13	6	1	....	....	3	....	....	....	1	1	....	....

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended October 21, 1911—Continued.

Cities.	Population, United States census 1910.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Small pox.		Tuberculosis.		Typhoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 50,000 to 100,000 inhabitants—Continued.														
Peoria, Ill	66,950	18	2						3		3	2		
Portland, Me	58,571	15	2		1		2					1		
Reading, Pa	96,071	26	9	2			7					1	2	1
San Antonio, Tex	96,614	37	1				1					12	4	1
Schenectady, N. Y	72,826	13	1	1			1				4	4		
South Bend, Ind	53,684	13	3				1					1		
Springfield, Ill	51,678	14	1											
Springfield, Mass	88,926	29	3	1	9		2	1			5	4	7	
Terre Haute, Ind	58,157		9				2				1	1		
Trenton, N. J	96,815	42	2				6	2			4	3	1	
Wichita, Kans	52,450		8											
Wilkes-Barre, Pa	67,105	19	7	1							1	1	1	
Wilmington, Del	87,411	27										1		1
Yonkers, N. Y	79,803	21	4		6		6	1				1	1	1
Cities having from 25,000 to 50,000 inhabitants—Con.														
Atlantic City, N. J	46,150	9	2		2						1		1	
Auburn, N. Y	34,668										2		1	
Aurora, Ill	29,807	4												1
Berkeley, Cal	40,434	10											2	1
Binghamton, N. Y	48,443	20	1				1				2	1		
Brookline, Mass	27,792	10									1			
Butte, Mont	39,165	18					3					2		1
Chattanooga, Tenn	44,604		5	1			2				2			
Chelsea, Mass	32,452	7	1								1			
Chicopee, Mass	25,401	3	1								1		1	
Danville, Ill	27,871	5	5									2		
Dubuque, Iowa	38,494	11	17	1								3		
East Orange, N. J	34,371	3	4		2		1				2		1	
El Paso, Tex	39,279	24	1				2		3		1	6	1	1
Everett, Mass	33,484	7	1		1		1				1	1	2	
Haverhill, Mass	44,115	13	1				2							
Kalamazoo, Mich	39,437	11										1		
Knoxville, Tenn	36,346	8	3	1								1	1	
La Crosse, Wis	30,417	11					1				1		2	1
Lancaster, Pa	47,227		8								2		1	
Lexington, Ky	35,099	12	2								1	1	4	
Lima, Ohio	30,508	9	5				2							
Lynchburg, Va	29,494	13	6				2						3	
Malden, Mass	44,404	12					5				2		1	
Montgomery, Ala	38,136	10	3	1			2					2	2	
Mount Vernon, N. Y	30,919	6			1						1			
Newcastle, Pa	36,280		26				2						2	
Newport, Ky	30,309	9	2				2				1	1		
Newton, Mass	39,806	6			13		1							
Niagara Falls, N. Y	30,445	6	7	1				1					5	
Norristown, Pa	27,875	11	6		1						2		1	
Orange, N. J	29,630	13					2				3			1
Pasadena, Cal	30,291	6					1				1	1		
Pittsfield, Mass	32,121	1	1		1								2	
Portsmouth, Va	33,190	8	2		1		3					1		
Roanoke, Va	34,874	10	7				3				1	2	8	1
Rockford, Ill	45,401	8					1		1				11	
Salem, Mass	43,697	5			1		2							
San Diego, Cal	39,578	18									1	1	3	1
South Omaha, Nebr	26,259	4	2	1										
Superior, Wis	40,384	9	4						20					
Taunton, Mass	34,259	11					1				1		1	
Waltham, Mass	27,834	6	2										6	
West Hoboken, N. J	35,403	7	2				1				1			1
Wheeling, W. Va	41,641	10	4				1				3		4	
Williamsport, Pa	31,860	8	1											
Wilmington, N. C	25,748	20										1		2
York, Pa	44,750		3								2		6	
Zanesville, Ohio	28,026	7	2	1								1	7	

MORBIDITY AND MORTALITY—Continued.

Morbidity and mortality table, cities of the United States, for week ended October 21, 1911—Continued.

Cities.	Population, United States census 1910.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Smallpox.		Tuberculosis.		Typhoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having less than 25,000 inhabitants.														
Ann Arbor, Mich	14,817	4	3										1	
Beaver Falls, Pa	12,191						1						1	
Bennington, Vt		4	1											
Braddock, Pa	19,597	12	1	1			5					1		
Butler, Pa	20,728	8	3										3	
Cambridge, Ohio	11,327	2											3	
Camden, S. C			1				1							
Carbondale, Pa	17,040	2					4	1						
Clinton, Mass	13,075	4									1			
Coffeyville, Kans	12,687												2	
Columbus, Ga	20,554	7										2		1
Columbus, Ind		2	5									1		
Concord, N. H	21,497	7	1									1		
Cumberland, Md	21,839	6	4				5				1		12	1
Dunkirk, N. Y	2	1									1			
Galesburg, Ill	22,089	5	5				1							2
Greensboro, N. C	15,859	6	2										5	
Harrison, N. J	14,498	4												
Homestead, Pa	18,713	5	8		1									
Hyde Park, Mass	15,507	4												
Kearny, N. J	18,659	5			1									
Kokomo, Ind	17,012	4											1	1
La Fayette, Ind	12,081	7												
Lebanon, Pa	19,240		14											
Mariette, Wis	14,610	2												1
Marlboro, Mass	14,579	1									1			
Massillon, Ohio	13,879	2										1		
Medford, Mass	23,150	3	5				1				2			
Melrose, Mass	15,715	4			1						2			
Moline, Ill	24,199	11	1									2	3	
Montclair, N. J	21,150	7									2			
Morristown, N. J	12,507	4	1										2	
Nanticoke, Pa	18,877	5	1		4							1		
Newburyport, Mass	19,940	5												
North Adams, Mass	22,019	4	3	1			2							
Northampton, Mass	19,431	9											1	
Peekskill, N. Y		5	1											
Plainfield, N. J	20,550	5					4				2			
Pottstown, Pa		5					1							
Rutland, Vt	13,546	4	2										1	
Sandusky, Ohio	19,989											2	2	
Saratoga Springs, N. Y		4												
Steelton, Pa	14,246	8	23	4	1							1	1	
South Bethlehem, Pa	19,973	8	2									1	2	
Warren, Ohio	11,080		3										1	
Wilkinsburg, Pa	18,924	6	1								2	1		1
Woburn, Mass	15,308	8											3	

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES OF THE UNITED STATES (untabulated).

CALIFORNIA.—Month of June, 1911. Population, 2,377,549. Total number of deaths from all causes 2,604, including diphtheria 7, measles 7, scarlet fever 11, tuberculosis 395, typhoid fever 38. Cases reported: Diphtheria 48, measles 322, scarlet fever 150, smallpox 3, typhoid fever 73.

Month of July, 1911. Total number of deaths from all causes 2,591, including diphtheria 3, measles 11, scarlet fever 4, tubercu-

losis 390, typhoid fever 47. Cases reported: Diphtheria 63, measles 108, scarlet fever 77, smallpox 4, tuberculosis 217, typhoid fever 79.

CONNECTICUT.—Month of September, 1911. Population of reporting towns, 1,124,405. Total number of deaths from all causes 1,270, including diphtheria 22, scarlet fever 7, tuberculosis, pulmonary, 105, typhoid fever 20. Cases reported: Diphtheria 181 in 35 towns, measles 12 in 7 towns, scarlet fever 91 in 23 towns, tuberculosis, pulmonary, 104 in 33 towns, typhoid fever 453 in 58 towns.

FLORIDA.—Week ended September 23, 1911. Reports to the State board of health show diphtheria present in 4 localities with 7 cases, malaria in 4 localities with 16 cases, smallpox in 2 counties with 22 cases, tuberculosis in 4 localities with 9 cases, typhoid fever in 6 localities with 10 cases.

Reports from the State board of health show as follows: Week ended September 30, 1911. Diphtheria was reported in 2 localities with 2 cases, malaria in 3 localities with 9 cases, smallpox in 2 counties with 28 cases, tuberculosis in 4 localities with 7 cases, typhoid fever in 6 localities with 11 cases.

Week ended October 7, 1911. Diphtheria present in 4 localities with 7 cases, malaria in 3 localities with 12 cases, tuberculosis in 7 localities with 12 cases, typhoid fever in 7 localities with 17 cases.

IOWA.—Month of August, 1911. Population 2,224,771. Total number of deaths from all causes 1,668, including diphtheria 9, measles 1, scarlet fever 2, tuberculosis 116, typhoid fever 37.

KANSAS.—Month of August, 1911. Population 1,690,949. Total number of deaths from all causes not reported. The deaths include diphtheria 8, measles 3, scarlet fever 1, smallpox 6, tuberculosis 12, typhoid fever 32. Cases reported: Diphtheria 67, measles 156, scarlet fever 88, smallpox 45, tuberculosis 190, typhoid fever 267.

MICHIGAN.—Month of August, 1911. Population 2,810,173. Total number of deaths from all causes 2,898, including diphtheria 22, measles 5, scarlet fever 10, tuberculosis 173, typhoid fever 50. Cases reported: Diphtheria 156 in 49 localities, measles 42 in 23 localities, scarlet fever 137 in 39 localities, smallpox 22 in 6 localities, tuberculosis 108, typhoid fever 290.

MINNESOTA.—Month of June, 1911. Population 2,075,078. Total number of deaths from all causes 1,463, including diphtheria 16, measles 17, scarlet fever 9, tuberculosis 200, typhoid fever 14.

NEW JERSEY.—Month ended September 10, 1911. Population 2,537,167. Total number of deaths from all causes 3,313, including diphtheria 27, measles 6, scarlet fever 12, tuberculosis 332, typhoid fever 38.

NORTH DAKOTA.—Month of August, 1911. Population 577,056. Total number of deaths from all causes 256, including diphtheria 2, tuberculosis 1, typhoid fever 1. Cases reported: Diphtheria 25,

measles 8, scarlet fever 26, smallpox 6, tuberculosis 12, typhoid fever 18.

OKLAHOMA.—Month of August, 1911. Population 1,657,155. Total number of deaths from all causes 743, including diphtheria 4, scarlet fever 3, tuberculosis 43, typhoid fever 50. Cases reported: Diphtheria 53, scarlet fever 52, smallpox 17, tuberculosis 80, typhoid fever 519.

UTAH.—Month of September, 1911. Population 373,351. Total number of deaths from all causes 289, including diphtheria 8, measles 1, scarlet fever 2, tuberculosis 5, typhoid fever 9. Cases reported: Diphtheria 45, measles 34, scarlet fever 74, smallpox 53, tuberculosis 4 (incomplete), typhoid fever 194.

WISCONSIN.—Three months ended June 30, 1911. Population 2,333,860. Total number of deaths from all causes 6,938, including diphtheria 56, measles 84, scarlet fever 56, tuberculosis 672, typhoid fever 70. Cases reported: Diphtheria 442, measles 1,810, scarlet fever 993, smallpox 129, tuberculosis 307, typhoid fever 212.

FOREIGN AND INSULAR.

BRITISH EAST AFRICA.

Nairobi Declared Free from Plague.

According to information transmitted September 21, by Consul Weddell at Zanzibar the Governor of British East Africa has declared Nairobi free from plague.

CANAL ZONE.

Case of Plague at Quarantine.

According to information received from Chief Sanitary Officer Gorgas, a death from plague occurred at Ancon Hospital October 17. The patient was an American and formerly employed by the Isthmian Canal Commission. He left Guayaquil for Panama October 7. He was detained in quarantine at Panama from October 11 to 13, and admitted to Ancon Hospital October 13.

CUBA.

Transmissible Diseases.

The following statement of transmissible diseases in the island of Cuba was issued by the sanitary department for the month of September, 1911:

Diseases.	New cases.	Deaths.	Remaining under treatment.
Tuberculosis	137	208	2,065
Leprosy	11	3	353
Malaria	135	16	134
Typhoid fever	79	17	61
Diphtheria	73	16	21
Scarlet fever	9	1	4
Measles	64	2	54
Varicella	6	1	1
Tetanus in new born	26	26	.....
Filariasis	.....	.....	2
Icterus gravis	1	1	1

No quarantinable disease was reported in the island during the week ended October 21, 1911.

GIBRALTAR.

Restrictions Against Leghorn Removed.

According to a notice received from the secretary of the board of health of Gibraltar the restrictions on account of cholera which were imposed at that port against Leghorn July 26 were removed October 2.

HAWAII.

Record of Plague Infection.

The last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910.

A fatal case occurred at Honokaa, 60 miles from Hilo, April 20, 1911.

The last plague-infected rat was found at Honokaa February 2, 1911. A plague-infected rat was found at Hilo during the week ended June 10, 1911.

Chief Quarantine Officer Ramus reports, October 9:

Honolulu Plague-Prevention Work.

Week ended October 7, 1911.

Total rats and mongoose taken	703
Rats trapped	664
Mongoose trapped	13
Rats shot from trees	26
Examined bacteriologically	609
Classification of rats trapped:	
Mus alexandrinus	48
Mus musculus	231
Mus norvegicus	79
Mus rattus	306
Classification of rats shot from trees:	
Mus alexandrinus	10
Mus rattus	16

INDIA.

Calcutta—Cholera and Plague.

Acting Asst. Surg. Allan reports, October 5: During the week ended September 16, 11 deaths from cholera and 6 from plague were reported in Calcutta; in all Bengal, 17 cases of plague with 13 deaths; in all India, 8,758 cases of plague with 5,954 deaths.

MEXICO.

Yellow Fever at Merida.

During the week ended October 29, 5 cases of yellow fever, with 1 death, were officially reported at Merida. The cases occurred on October 26 and 28 and the death on October 28. The total number of cases reported since August 1, when the first case occurred, is 41, with 16 deaths.

MOROCCO.

Reappearance of Plague in Doukala Province.

Chargé d'Affaires Wicker, at Tangier, reports, October 17, the reappearance of plague in the province of Doukala. The province is situated to the east of the seaport towns of Safi and Mazagan.

A report made to the sanitary council of Tangier by the medical commissioner sent to investigate the outbreak shows the disease to be widely diffused throughout the province. The disease attacked the dwellers in tents more severely than those living in huts. In the village of Chouarba the disease was preceded by an invasion of rats into the dwellings. The rats appeared sick and were readily killed. Plague cases appeared within five days after the rat invasion and during the month of September about three deaths from the dis-

ease occurred daily. The origin of the outbreak has not been definitely determined. Plague was reported present in the interior of the province July 13. Importation of the infection by maritime routes appears less probable than importation by caravan from other parts of the interior, where plague foci are known to have been formed in July, 1909. The number of cases which have occurred during the present outbreak in Doukala is not reported, but it is estimated that there have been at least 10,000 deaths from plague and the mortality is stated as having been 50 per cent during the first period of the outbreak and as being at present 90 per cent. Measures to prevent the spread of the disease to the coast towns were put in force September 29.

TURKEY IN ASIA.

Tripoli—Cholera.

Consular Agent Harris reports, October 5 and 13: Cholera is present in this port. To September 29, 14 deaths were reported, and from that date to October 5 about 4 deaths daily. From October 5 to 11, 35 deaths were reported, the mortality being 63 per cent of the cases.

VENEZUELA.

Caracas—Plague and Yellow Fever.

The following information was received from the sanitary board of Caracas:

During the week ended October 7, 3 cases of plague and 4 cases of yellow fever were reported at Caracas.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended Nov. 10, 1911.

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State, and from other sources.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras	Sept. 23-30	6	3	
Indo-China:				
Saigon	Sept. 10-17	5	5	
Java:				
Batavia	Sept. 16-23	18	6	
Russia:				
Astrakhan	Sept. 13-30	24	11	
Don	do	1	1	
Kuban	do	23	15	
Rostov on Don	do	7	5	
Saratov	do	22	9	
Simbrisk	do	3	5	
Ufa	do	2		
Servia:				
Belgrade	Oct. 7-14	2	1	
Drazevze	Oct. 2	1	1	
Grditze	Oct. 3	1		
Kagujevatz	Oct. 10	1	1	
Krushevatz	Oct. 14	1		
Semendria	Oct. 4-13	12	3	
Stubline	Oct. 4-10	4	4	
Urovtzi	Oct. 4-13	9	7	
Yabutchye	Oct. 12	1	1	
Turkey:				
Constantinople	Oct. 7-22		62	
Turkey in Asia:				
Basra	Sept. 23-30	16	13	
Kerassund	Oct. 1-7	5	2	
Tripoli				To Sept. 29, 69 deaths.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received During Week Ended Nov. 10, 1911.

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Manaos	Oct. 1-14	3		
Mexico:				
Merida	Oct. 22-29	5	1	
Venezuela:				
Caracas	Sept. 23-Oct. 7	4		

PLAGUE.

Canal Zone:				
Panama	Oct. 17	1	1	Arrived from Guayaquil and detained at quarantine.
Egypt:				
Port Said	Sept. 16-23	3	1	
India:				
Bombay	Sept. 23-30	11	11	
Karachi	do	2	1	
Rangoon	Sept. 9-23		27	
Indo-China:				
Saigon	Sept. 10-17	4	1	
Java:				
Batavia	Sept. 16-23	20	8	
Venezuela:				
Caracas	Sept. 23-Oct. 7	3		
Zanzibar:				
Zanzibar	Sept. 14-21		1	

SMALLPOX.

Canada:				
Ottawa	Oct. 7-21	4		
Quebec	Oct. 21-28	4		
Canary Islands:				
Santa Cruz de Teneriffe	Oct. 7-14		4	
Chile:				
Talchuano	Sept. 23-Oct. 7	10		
Valparaiso	Sept. 23-30	45		
China:				
Hongkong	Sept. 9-23	3	3	
Egypt:				
Cairo	Sept. 16-23	1		
France:				
Paris	Oct. 1-7	1		
India:				
Bombay	Sept. 23-30	1	1	
Madras	do	8	2	
Rangoon	Sept. 16-23		2	
Indo-China:				
Saigon	Sept. 10-17	1	1	
Java:				
Batavia	Sept. 16-23	4		
Malta:				
Valetta	Oct. 7-14	1		
Mexico:				
Chihuahua	Sept. 24-Oct. 9	1	2	
Juarez	Oct. 21-28	2		
Porfirio Diaz	Oct. 7-28		3	
Tapachula	Sept. 1-23	3	6	
Portugal:				
Lisbon	Oct. 7-14	5		
Russia:				
Libau	Oct. 7-15	2		
Omsk	Sept. 27-Oct. 3	1		
Riga	Sept. 23-30	1		
Vladivostok	June 13-Aug. 28	16	10	
Spain:				
Valencia	Oct. 7-14	3	1	
Turkey:				
Constantinople	Oct. 7-22		4	
Saloniki	Sept. 1-30		5	
Turkey in Asia:				
Beirut	Oct. 7-14	12	3	
Zanzibar:				
Zanzibar	Sept. 14-21		1	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

For reports received from Dec. 31, 1910, to June 30, 1911, see Public Health Reports for June 30, 1911. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Hodeida	June 16-30	21	17	Among the civil and the military population. Aug. 5, present among troops.
Austria-Hungary				Total Austria-Hungary, May 24-Sept. 17, 73 cases, 30 deaths.
Arbe Salle Sampiero	Aug. 21-Sept. 17	6	3	District of Zara.
Budafolk	Sept. 9-16	1		
Budapest	Aug. 24-Sept. 30	15	4	
Capodistria	July 23-Sept. 10	9	5	
Cattaro	July 6-20	4	1	
Cittanuova	Aug. 21-27	1	1	
Czarp	Aug. 24-Sept. 9	1		
Draga	Sept. 7	1		
Fiume	Aug. 9-17	3		
Krimeja	Sept. 7	1		
Krizovljan	Aug. 28-Sept. 3	2		
Muggia	Aug. 7-13	2	1	
Nagykeszi	Sept. 9-16	3		
Prellenkirchen	Sept. 18-24	1	1	
Suly	Sept. 2-9	3	1	
Susac-Draga	Aug. 28-Sept. 7	2		
Trieste	June 4-Aug. 26	42	16	July 8, the second case from s. s. Oceania. Case July 21, from s. s. Bandiera Moro.
Ujpest	Aug. 24-Sept. 30	34	5	
Vienna	Aug. 14-Sept. 17	5	2	
Vukovar	Sept. 8-9	2	2	
Waltendorf	May 31	1		Second case. Near Gratz.
Bulgaria:				
Kalondjik	June 18-20	1	1	Vicinity of Choumen. From the ship Cyrille, bound from the coast of Asia Minor.
Sosopolis	Sept. 16-Oct. 7	20		
Varna	July 4-Aug. 5	2	2	From Asia Minor via Constantinople.
Ceylon:				
Colombo	May 21-July 29	16	11	
China:				
Amoy	May 28-July 1		4	Aug. 5, present.
Hankow	July 22			Present.
Hoihow	June 2			Do.
Manchuria—				
Dalny	Aug. 19-Sept. 2	35	19	Sept. 5, present.
Kinchow	Aug. 15-Sept. 2	10		
Nanking	July 22-Aug. 19			Present.
Swatow	July 22-Aug. 26			Do.
Dutch East Indies				June 10-July 9: Cases, 442; deaths, 362.
Java—				
Batavia	May 14-Sept. 2	223	203	
Beloe	June 15-28			Present.
Surabaya	Apr. 10-May 6	44	22	
France:				
Marseille	June 26-Aug. 31		76	Number of cases occurring from Sept. 1 to 20 not reported.
Do	Sept. 21-28	20		
Greece:				
Laurium	July 5-8	3	1	Case July 5, from a German vessel via Naples.
Piræus, quarantine station	July 30-Aug. 8	3		Case July 30, from s. s. Margarita.
India:				
Bassein	May 7-July 8	2	2	
Bombay	June 25-Sept. 23	4	5	
Calcutta	May 7-Sept. 9		482	
Madras	June 4-Sept. 23	21	13	May 1-July 31: Cases, 17,559; deaths, 9,514.
Moulmine	May 7-June 17	4	4	
Negapatam	June 11-July 15		35	
Rangoon	May 1-June 30	31	26	
Indo-China:				
Saigon	May 15-Sept. 10	82	52	And vicinity.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Italy				Total for Italy, June 8-Oct. 7: Cases, 14,821; deaths, 5,486.
Provinces—				
Alessandria	Aug. 1-Sept. 16	114	33	
Aquila	do	109	49	
Avellino	July 12-Sept. 16	206	74	
Bari	Aug. 27-Sept. 16	271	55	
Benevento	July 22-Sept. 16	96	24	
Bergamo	Aug. 27-Sept. 16	43	8	
Bologna	do	26	5	
Cagliari	Aug. 27-Sept. 2	114	39	
Caltanisetta	July 17-Sept. 16	190	37	
Campobasso	do	707	268	
Caserta	June 18-Sept. 16	1,776	679	
Catania	July 22-Oct. 7	813	352	
Catania, city	Sept. 24-Oct. 7	28	7	
Catanzaro	July 26-Sept. 16	135	62	
Chieti	Aug. 1-Sept. 16	108	45	
Casoria	Sept. 3-9	125	37	
Cosenza	Aug. 20-Sept. 16	103	52	
Ferrara	Aug. 27-Sept. 2	26	14	
Florence	Sept. 3-9	4	1	
Foggia	Aug. 20-Sept. 16	179	88	
Forli	Aug. 27-Sept. 16	36	16	
Genoa	July 21-Oct. 7	396	121	
Genoa, city	July 13-Oct. 7	266	130	
Girgenti	July 22-Sept. 16	126	49	
Lecce	Aug. 27-Sept. 16	88	28	
Leghorn	July 13-Sept. 16	767	380	
Lucca	Aug. 1-Sept. 16	10	3	
Massa	Aug. 13-Sept. 16	66	39	
Messina	July 17-Sept. 16	128	40	
Milan	Aug. 27-Sept. 9	19	6	
Naples				The Province outside of Naples, June 10-Oct. 7, 1,341 cases, 565 deaths.
Naples, city	June 11-Oct. 7	949	270	
Padua	Aug. 27-Sept. 16	7	3	
Palermo	June 18-Oct. 7	450	217	
Palermo, city	June 15-Oct. 7	1,426	449	
Pesaro	Aug. 20-Sept. 16	100	41	
Pisa	Aug. 20-Sept. 2	17	8	
Potenza	July 31-Sept. 9	55	13	
Reggio di Calabria	Aug. 6-Sept. 16	5	2	
Reggio Emilio	Sept. 3-9	1		
Rome	June 27-Oct. 7	280	126	
Rome, city	Sept. 24-Oct. 7	16	10	
Rovigo	Aug. 27-Sept. 16	47	10	
Salerno	June 17-Sept. 16	1,339	343	
Sassari	Sept. 16	1		
Syracuse	Aug. 6-Sept. 16	84	18	
Teramo	Sept. 3-9	5	5	
Trapani	July 17-Sept. 16	197	105	
Venice	Aug. 6-Sept. 23	204	66	
Japan:				
Kobe	Aug. 30-Sept. 16	4	2	
Nagasaki	Sept. 11	1		On s. s. Kasuga Maru.
Nishomayo	Aug. 28-Sept. 3	2		
Osaka	Aug. 30-Sept. 16	6		Do.
Java:				
Batavia	Sept. 3-16	27	10	
Malta	Nov. 1	2		
Montenegro	Aug. 14-17	4		Among troops.
Cettinje	July 29	2		
Persia:				
Adaban	July 29-Sept. 4	19	8	
Ahwaz	Aug. 13-Sept. 2	128	115	
Mohammerah	July 28-Sept. 9	211	177	Case July 28, from the cruiser Persepolis.
Philippine Islands				First quarter, 1911: Manila, no cases. Provinces, 199 cases and 160 deaths. Second quarter: Manila, no cases, no deaths. Provinces, no cases, no deaths.
Laguna	Aug. 6-12	1		
Manila	July 23-29	1	1	
Provinces—				
Rizal	do	1		
Union	July 23-Sept. 16	21	18	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Roumania				Total to Sept. 21: Cases, 18; deaths, 13.
Braila	Sept. 11	6	4	Sept. 13: 3 cases and 2 deaths in a village in vicinity.
Russia				New outbreak Apr. 21–Oct. 7: Cases, 2,003; deaths, 1,018, including 7 cases and 2 deaths, p. 1044, vol. 1.
Astrakhan	July 12–Sept. 13	435	181	
Baku	Sept. 3–13	7	2	
Baku, city	July 8–26	5	1	
Bessarabia	Sept. 3–13	2		
Dagestan	Aug. 13–19	27		
Don Territory	Sept. 3–13	9	2	
Jaroslav	Aug. 20–26	8	3	
Khasan	Sept. 3–13	3	2	
Kosmodemiansk	July 2	1		
Kherson	May 3–July 22	2		
Khuban	Aug. 13–26	1	2	
Moscow	Aug. 13–19	1		
Moscow	Aug. 20–26	1	1	
Nijni Novgorod	Aug. 27–Sept. 2	1		
Novoryssik	July 28–Sept. 13	11	3	6 cases, July 28–Aug. 6, on British S. S. Wakefield in Black Sea.
Odessa	Aug. 6–12	2	1	
Poltava	June 24	1		
Perm	Sept. 3–13	1	1	
Rostov on Don	Aug. 6–Sept. 13	42	13	Aug. 6–12, 1 case from a Turkish ship from Trebizond.
Samara	June 29–Sept. 13	747	407	Including Nikolayevsk.
Saratov	July 18–Sept. 13	164	74	
Nikolayevsk	June 29–July 3	15	1	
Siberia—				
Omsk	June 20–26	2		
Simbirsk	Aug. 6–Sept. 13	89	49	
Stavropol	July 23–Aug. 19	7	1	
Tambov	June 26–Sept. 13	19	9	
Tver and Kursk	Aug. 6–12	1	1	
Vilna—				
Disna	June 13	1		On the Duna.
Vitebsk	Sept. 3–13	1		
Lepel district	June 19	1		
Voronesch	Apr. 28–Aug. 12	5	4	
Yeketerinislav	July 8–19	2	1	
Zarizyn	July 12–15	1	1	
Servia:				
Belgrade	Sept. 9			Present.
Rachka	Aug. 23–Sept. 8	8	2	Case Aug. 23 from Reoca, Studenitz district.
Ravta	Aug. 30–Sept. 2			Present.
Siam:				
Bangkok	Apr. 16–Sept. 4	939	1,000	
Spain:				
Tarragona	Aug. 30			In vicinity.
Straits Settlements:				
Began Dotah	June 16–20	11		
Jenderata	July 1–8	20	13	
Penang	May 7–Aug. 12	8	11	
Perak	May 16–June 21			Present among Malays and Chinese.
Singapore	May 7–Sept. 9	90	100	
Tripoli:				
Tripoli	Oct. 13	4		
Tunis Regency				Total Sept. 17–26: Cases, 726; deaths, 491.
Bizerta	Sept. 17–20	25	9	
Tunis	Aug. 1–7		6	
Do	Sept. 20–26	153	69	
Turkey:				
Constantinople	May 21–Oct. 8	2,187	1,341	And vicinity.
Dardanelles	Oct. 1–8		2	
Medua	Aug. 24–Sept. 1	5	1	
Soloniki	Aug. 11–Sept. 24	164	89	Among troops.
Valona	Aug. 27–Sept. 7	28	8	
Turkey in Asia:				
Alatsham	June 19	2		
Amara	June 21			Present.
Bagdad Vilayet	May 29–Sept. 9	296	212	New outbreak.
Basra	July 17–Sept. 23	291	204	Aug. 9, 1 case, s. s. Budrie.
Beirut	Aug. 21			Present among pilgrims.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Turkey in Asia—Continued.				
Damascus	Aug. 14-Sept. 15	22	17	
Erzeroum, vilayet	Sept. 13-30			Present in Erzingham, Unieh, and at Kerassunde, 5 cases and 7 deaths.
Ezra's Tomb	June 17	6		70 miles from Basra.
Foglieri	July 26	2	1	In the Gulf of Smyrna.
Kamaran	May 28-July 11	8	5	Among troops.
Kavak	June 5-11	1		Aug. 8, present.
Kharput	Aug. 20-Sept. 9	27	22	And vicinity.
Medina	Sept. 15-22	53	39	
Mekka	Sept. 1-24	352	314	
Samsun	May 29-July 30	225	204	And district.
Smyrna	Apr. 26-Sept. 24	974	497	Including 24 cases and 14 deaths, p. 1911, vol. 2.
Zongouldak	July 1-Sept. 24	82	57	And vicinity.
At sea	June 23	1	1	On s. s. Goeben, bound from Southampton for Suez. Case developed 1 day after leaving Naples.
Do	July 25			2 cases from s. s. Zar Nicolaus from Algiers.

YELLOW FEVER.

Brazil:				
Ceara	July 1-31		1	
Manaos	June 4-Sept. 30		21	
Para	June 21-Sept. 9	5	1	
Pernambuco	June 15-Sept. 30		9	Sept. 4, present.
Bissagos Islands:				
Bulama	May 27			Present.
British Gold Coast:				
Accra	May 23-27	3		Among natives.
Ecuador:				
Babahoyo	July 16-Aug. 15	2	2	
Bucay	Sept. 1-14	1		
Calaroma	July 16-31	1	1	
Changue	Sept. 16-30	1	1	
Guayaquil	June 1-Sept. 30	35	12	
Milagro	June 1-Aug. 15	17	13	
Naranjito	July 1-Sept. 30	5	1	
Yaguachi	June 16-July 15	1	1	
Gambia:				
Bathurst	May 23-27	5	2	Among Europeans.
Hawaii:				
Honolulu	Oct. 21-28	2		1 case arrived convalescent on s. s. Hongkong Maru from Manzanillo, Mexico. 1 case occurred in quarantine employee detailed as guard on the s. s. Hongkong Maru.
Mexico:				
Merida				Total Aug. 1-Oct. 21: Cases, 36; deaths, 14.
Venezuela:				
Caracas	July 1-Sept. 23	26	1	
La Pastora	Aug. 5			Present.
Maiquetia	July 22	2		
San Juan	Aug. 5	1		

PLAGUE.

Arabia:				
Maskat	May 21-June 15	4	2	
Brazil:				
Para	July 2-Sept. 9	5	4	Sept. 16, 2 cases.
Pernambuco	June 15-Sept. 15		9	Sept. 4, present.
Rio de Janeiro	July 16-Sept. 23	15	3	Oct. 9, 1 case.
British East Africa:				
Kismavu	Apr. 24-Aug. 16	55	42	
Nairobi	May 27-Aug. 5	34	19	
Port Florence	Apr. 26	1	1	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Chile:				
Arica	June 12-July 28	4	3	
Iquique	May 14-Sept. 23	41	26	
China:				
Amoy	May 21-July 17		20	To May 28: Cases, 61; July 8, present in the district.
Kulangsu	June 17-July 22		5	
Canton	May 18-Sept. 9			Present, and in neighboring cantons.
Hongkong	May 14-Sept. 2	209	156	Jan. 1-Aug. 15: Cases, 259; deaths, 240.
Shanghai	Aug. 10-26	31	19	May 14-27, 3 cases.
Swatow	May 21-July 22			May 21-June 2, epidemic in Chaochow-fu. Hwellai, Kit-yang, and in Chao-Yang, Jan. 1-June 30, 6,000 deaths.
Ecuador:				
Guayaquil	June 1-Sept. 30	65	23	
Egypt:				
Alexandria	May 31-Sept. 12	42	18	
Cairo	Feb. 12-May 31	1	1	
Port Said	May 27-Sept. 3	35	15	On s. s. Yeddo, bound for Calcutta from New York, via Naples and Torrevieja, Spain.
Provinces—				
Assiout	May 31-July 9	7	5	
Behera	May 23-Sept. 4	3		
Beni Souef	May 23-Aug. 10	4	1	
Dakahlieh	May 29-June 11	2	1	
Fayoum	May 28-June 17	8	5	
Galioubeh	June 1-Aug. 22	2	2	
Girgeh	Apr. 19-July 7	5	4	
Kena	May 30-June 12	5	5	
Minieh	June 1-July 27	29	11	
Hawaii:				
Kapulena	Sept. 28	1	1	
India:				
Bahrein Island	May 15-July 16		1,925	In Persian Gulf.
Bombay	May 21-Sept. 23	645	563	
Calcutta	May 7-Sept. 9		618	
Karachi	May 28-Sept. 23	216	213	
Rangoon	May 1-July 31	9,843	7,108	
Bombay Presidency and Sind.	May 7-Aug. 26	20,507	14,170	
Madras Presidency	do	2,467	1,777	
Bengal	do	2,622	2,360	
United Provinces	do	18,084	17,521	
Punjab	do	60,877	53,359	
Burma	do	1,731	1,607	
Eastern Bengal and Assam	Aug. 6-26	2	12	
Central Provinces	May 7-Aug. 26	603	351	
Mysore State	do	5,197	3,639	
Hyderabad State	do	431	347	
Central India	do	223	149	
Rajputana and Ajmere Merwara.	May 20-Aug. 26	1,690	1,452	
Kashmir	May 7-July 1	624	425	
North West Province	do	110	79	
Grand total		115,168	97,248	
Indo-China:				
Saigon	May 15-Sept. 10	338	100	And vicinity.
Japan:				
Formosa	May 21-July 1	115	106	In Kagi Province from Jan. 1-June 15: Cases, 355, including report, p. 1047, vol. 1.
Java:				
Kediri	Mar. 31-July 22	60	21	
Madioen	June 1-Aug. 26	2		
Pasoeroean Residency	May 14-Sept. 16	661	259	
Surabaya	Apr. 30-May 18	21	4	
Mauritius	Mar. 1-July 10	10	6	
Morocco:				
Mazagan	July 13			Present among the Doukala, 5 hours distant.
New Zealand:				
Auckland	May 1-8	5		Total since Mar. 21: Cases, 8; deaths, 1.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Paraguay:				
Asuncion	Aug. 1-9		8	Present.
Persia:				
Buchir	May 14-June 25	94	80	
Lingah	May 18-28	7		From Debal, on opposite Arabian coast.
Peru:				
Departments—				
Ancachs	Apr. 30-June 17	9	2	
Arequipa	Apr. 23-June 17	20	4	
Cajamarca	do			Aug. 10, present.
Callao	do	5	2	Sept. 24, 1 case.
Chiclayo	Apr. 30-July 22	14	5	
Lambayeque	Apr. 23-June 3	24	12	
Libertad	Apr. 23-July 22	17	7	Aug. 21, present in Moche.
Lima	do	47	17	
Pacasmayo	Apr. 30-June 3	3	2	
Philippine Islands				First quarter, 1911: Manila, no cases; Provinces, no cases.
Mariveles quarantine station.	May 25-26	1	1	From s. s. Taisang from Amoy.
Russia:				
Odessa	June 18-Aug. 8	8	2	
Astrakhan Government—				
Ujaly	July 3			Present.
Saraltschin	June 18-24	3	3	
Kirghis Steppe—				
Akbulak	July 13-Aug. 2	5	2	Pneumonic.
Kjubekudik	July 15	5	4	Do.
Narvma	June 24	4	4	
Siam:				
Bangkok	Apr. 16-Sept. 4	72	81	
Straits Settlements:				
Singapore	May 21-Sept. 2	6	6	
Turkey in Asia:				
Adalia	July 7-Aug. 30	4		
Basra	May 21-31	4	2	
Beirut	Aug. 21			Present among pilgrims, and present in the Lebanon district.
Brusa	Aug. 2-15	2		
Smyrna	Sept. 17-22	2	1	
Venezuela:				
Baruta	Sept. 3-9			
Caracas	May 29-Sept. 23	11		
Santa Rosalia	Aug. 5	1		
Zanzibar:				
Zanzibar	Sept. 7-14	2	2	

SMALLPOX.

Algeria:				
Departments—				
Algiers	Mar. 1-Aug. 31	5	2	July 1-31, 5 deaths.
Constantine	Mar. 1-May 31	74		
Arabia:				
Aden	Apr. 11-Aug. 22	206	7	And vicinity.
Argentina:				
Buenos Aires	Apr. 1-July 31		124	
Rosario	Apr. 1-June 30		125	
Austria-Hungary:				
Bohemia	May 28-June 17	5		
Galicia	May 28-July 15	3		
Brazil:				
Bahia	Apr. 1-30		1	
Ceara	June 1-30		1	
Para	June 25-Sept. 16	9	2	
Pernambuco	June 1-Sept. 15		758	
Rio de Janeiro	May 28-Sept. 23	27	2	
Sao Paulo	May 15-21		1	
Canada:				
British Columbia—				
Vancouver	July 9-Sept. 23	8		
Victoria	May 1-31	10		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Manitoba—				
Fort Alexander	July 8	19		Among Indians.
Lac de Bonnet	do	1		
Point du Bois	do			Epidemic.
Selkirk	do	1		From Mapleton.
Winnipeg	July 23-29	1		
New Brunswick—				
Newcastle	July 15-Aug. 5			Present in vicinity.
Ontario—				
Ottawa	June 11-Oct. 7	25		
Nova Scotia—				
Halifax	May 23-Sept. 30	6		
Prince Edward Island—				
Charlottetown	June 14-20	1		
Quebec—				
Montreal	July 9-Sept. 30	7		
Quebec	June 18-Oct. 21	21		
Yukon	Sept. 17	66	1	On the Porcupine.
Dawson	June 4-July 11	15		
Ceylon:				
Colombo	May 21-Sept. 16	40	4	
Chile:				
Caldera	June 24	2	1	
Punta Arenas	June 1-July 31	3	1	
Talcahuano	June 27-Sept. 23	120	27	
Valparaiso	June 24-Sept. 23	322		
China:				
Chunking	May 28-Aug. 19			Present.
Hongkong	May 21-Sept. 9	32	25	
Nanking	May 28-Sept. 23			Do.
Shanghai	May 24-July 16	2	8	Deaths among natives.
Swatow	May 28-July 22			Present in the district
Colombia:				
Cartagena	May 22-July 9			Present.
Egypt:				
Alexandria	Apr. 1-July 31	64	32	
Cairo	May 22-Aug. 19	11	4	
Port Said	May 29-Aug. 19	14	13	
France:				
Havre	July 16-22	1	1	
Marseille	Aug. 1-31		1	
Paris	June 18-Sept. 30	10		
Germany				Total for Germany, June 4-Oct. 7: Cases, 28.
Bremen	July 9-15	1		
Hamburg	Aug. 6-19			3 cases on s. s. Prinz Regent.
Gibraltar	June 4-Oct. 8	3		
Great Britain:				
Birmingham	July 2-15	1	1	
Dundee	June 11-Aug. 12	10	3	
Liverpool	June 18-Oct. 7	8		
London	June 4-24	13		
Plymouth	July 2-8		1	
Sheffield	June 18-24		1	
India:				
Bombay	May 21-Sept. 16	115	94	
Calcutta	May 7-June 24		6	
Madras	May 21-Sept. 23	144	61	
Rangoon	May 1-July 31	333	161	
Indo-China:				
Saigon	May 15-Sept. 10	131	52	And vicinity.
Italy:				
Catania	July 19-Aug. 12		4	
Genoa	Aug. 1-Sept. 30	3		
Naples	June 11-Sept. 30	86	10	
Palermo	June 4-Sept. 30	621	341	
Rome	Mar. 1-31	1	1	
Japan:				
Yokohama	June 13-19	1		
Java:				
Batavia	July 2-Sept. 16	34	9	
Malta:				
Valetta	June 6-12	1		
Mexico:				
Aguascalientes	Aug. 28-Oct. 8		4	
Cananea, mines	Sept. 12-22	30		
Chihuahua	June 28-Sept. 10	22	10	
Frontera	June 19-24	1		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from July 1 to Nov. 3, 1911.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Guadalajara	June 18-Aug. 19		3	
Inuris	Sept. 22	10		
Juarez	July 9-Oct. 21	24	6	
Mazatlan	Aug. 6-Sept. 9	13	4	
Mexico	May 21-Sept. 16		159	July 23-Sept. 30, 65 cases.
Porfirio Diaz	July 23-Sept. 30	9	7	
San Juan Bautista	June 17-July 15			Present and in vicinity. Aug. 26 increasing.
San Luis Potosi	June 4-Sept. 30	19	18	
Tampico	June 11-Oct. 10		9	
Tapachula	July 8-Aug. 26		13	
Peru:				
Salaverry	Aug. 1-7			Present.
Philippine Islands				First quarter, 1911, Manila: Cases, 93; deaths, 0. Second quarter: Cases, 142; deaths, 0.
Portugal:				
Lisbon	June 4-Oct. 7	103		May 7-20, deaths, 3.
Porto Rico:				
Ponce	Apr. 1-30		1	
Portuguese East Africa:				
Lourenco Marquez	do		1	
Russia:				
Batoum	May 1-June 30	3		
Libau	June 5-Sept. 10	13	1	July 16, 1 death.
Moscow	May 28-Sept. 23	165	84	
Odessa	May 27-Sept. 16	8		
Reval	May 1-31	5		
Riga	May 27-Sept. 23	18		Apr. 1-May 31, deaths 14.
St. Petersburg	May 21-Sept. 30	168	32	
Warsaw	Apr. 2-Aug. 26	145	66	
Windau	June 25-July 1			Present.
Siam:				
Bangkok	Apr. 16-Sept. 4	100	128	
Siberia:				
Omsk	May 29-July 14	3		
Vladivostok	May 14-June 30	12	5	
South Africa:				
Port Elizabeth	May 21-27	1		
South Australia:				
Adelaide	Apr. 15			1 case, from Colombo on s. s. Mooltan.
Spain:				
Barcelona	May 6-17		4	
Madrid	June 1-Sept. 30		3	
Malaga	do		35	
Seville	do		8	
Valencia	June 4-Oct. 7	58	10	
Straits Settlements:				
Penang	Apr. 30-Sept. 16	7	3	
Singapore	May 7-Sept. 2	151	43	
Switzerland:				
Aargau, canton	Sept. 24-30	4		
Ticino, canton	May 28-June 3	1		
Turkey:				
Constantinople	June 4-Oct. 8		14	
Turkey in Asia:				
Beirut	May 27-Sept. 30	122	34	
Kharput	May 21-June 10	34	3	
Uruguay:				
Montevideo	Apr. 1-July 31	41	12	
Zanzibar:				
Zanzibar	May 15-Sept. 15	25	14	
At sea	May 15	1		On s. s. Narrung; vessel quarantined at Adelaide, Melbourne, and Sydney.

MORTALITY.

Weekly Mortality Table, Foreign and Insular Cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from— Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Oct. 6	163,084	42								2	1	1	1
Aix la Chapelle	Sept. 30	156,288	51	2									3	
Amsterdam	Oct. 7	577,052	129	22						2				7
Do	Oct. 14		119	20								2		3
Antwerp	...do	327,668	84	7						2		1	1	2
Asuncion	Sept. 9	75,000	15											
Do	Sept. 16		16	3										
Baracoa	Oct. 14	27,000	8	1										
Barcelona	Oct. 12	591,272	320	25						14		3		
Barranquilla	Sept. 30	40,000	16	1						1				
Do	Oct. 7		20	1						4				
Batavia	Sept. 16	217,630				5		1						
Belgrade	Oct. 7	90,050	39									1		
Bergen	...do	87,749	16	2										
Do	Oct. 14		12	2										
Berlin	Sept. 30	2,068,117	545	67						2	4	18	2	11
Birmingham	Oct. 14	526,030	146								1	1	1	1
Bordeaux	...do	253,000	98	9						2				
Bradford	Oct. 7	288,723	80	6						1				1
Bremen	...do	246,850	58	10							2	1		1
Bristol	Oct. 14	357,509	89	7									1	
Budapest	Sept. 30	950,610				1				2	4	2	3	
Charlottetown	Oct. 24	110,000								1				
Chemnitz	Oct. 7	296,820	77	3							1	2		
Christiania	Oct. 14	245,000	49	6										1
Cienfuegos	...do	33,578	15	3						1				
Ciudad Juarez	Oct. 21	6,500	14					1						
Cologne	Oct. 7	520,002	149	13						1	2	3	1	1
Constantinople	Oct. 8	1,000,000	369	32		128		1		11			1	
Copenhagen	Sept. 30	462,000	127	10								3		3
Dardanelles	...do	11,875	3	1		2								
Do	Oct. 7		2	1						1				
Dresden	Sept. 23	549,400	157	15							1	2	1	4
Do	Sept. 30		144	17						2	2	2		1
Dundee	Oct. 14	171,006	51	3							1	2		
Edinburgh	Oct. 7	320,829	95	7							2	1		
Fiume	Oct. 14	50,811	27	8										
Frankfort on the Main	Sept. 30	414,800	93									3		1
Geneva	...do	125,000	31								1			
Gibraltar	Oct. 8	25,367	6							1				
Glasgow	Oct. 13	784,655	224							1	4	4	2	2
Hamburg	Oct. 7	931,035	280	24						1	4	12	1	4
Hull	...do	278,968	85							1	2			2
Do	Oct. 14		105							5	1	3		1
Kingston	Oct. 7	59,584	2	1						1				
Konigsberg	...do	247,300	80	7							1			1
Leeds	Oct. 14	445,568	150	9						3		2		2
Leipzig	Oct. 7	595,703	162	15								3		
Leith	...do	80,674	18	1								1	1	
Liverpool	Oct. 14	747,627	260	27								4	4	1
London	Oct. 7	7,269,752	1,917							13	5	16	5	13
Lubeck	Oct. 7	99,000	34	3								1		
Magdeburg	Sept. 30	280,089	123	10						1	1	3		6
Mannheim	...do	196,759	51	6						1				1
Maracaibo	Sept. 8	50,000	8	1										
Do	Sept. 15		16	1					1	1				
Do	Sept. 22		13	1					1	2				
Do	Sept. 29		6							2				
Do	Oct. 6		11											
Do	Oct. 13		14	1						2				1
Mazatlan	Sept. 30	22,000	11	1										
Moncton	Oct. 21	11,329	2									1		
Montreal	...do	466,197	131	14						3		3		1
Munich	Sept. 30	597,000	210	36								3		1
Do	Oct. 7		177	26								2		3
Nantes	Oct. 1	161,908	64	16										
Do	Oct. 8		56	8										
Newcastle-on-Tyne	Oct. 7	267,261	90	10										2
Nottingham	...do	259,942	73									1		
Patras	Oct. 8	40,000	16	1						1				

MORTALITY—Continued.

Weekly Mortality Tables, Foreign and Insular Cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Prague	Oct. 7	223,741	67	16							1			
Quebec	Oct. 21	78,067		4								1		
Rio de Janeiro	Sept. 16	898,699	344	70				1				2	1	6
Do	Sept. 23		339	71								4		10
Rotterdam	Oct. 7	433,450	107							1				
San Luis Potosi	Sept. 30	82,946	48	4						1				
St. Petersburg	...do	1,907,708	637	113				1		19	10	2	14	6
Santa Cruz de Teneriffe	Oct. 7	46,000	17					2						
Santiago de Cuba	Oct. 14	53,614	8	1										
Singapore	Sept. 9	303,328	238	28		2				6				
Southampton	Oct. 14	119,394	39	6										1
South Shields	Oct. 7	108,844	37	2						1				
Stettin	...do	234,033	62	8						2	2			
Talcahuano	Sept. 16	28,000	9	2							2		2	3
Do	Sept. 23		5					2					1	1
Trieste	Oct. 7	233,925	98							2	1			
Valletta	Sept. 30	213,395	105	5						1			2	
Do	Oct. 7		114	2						1			3	
Vienna	Sept. 30	2,047,968	535	81						1	3	3	1	2
Vigo	Oct. 7	41,500	17	4						2				
West Hartlepool	...do	63,932	21									1		
Zanzibar	Sept. 14	70,000	24	4	2									

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES (untabulated).

ARGENTINA—*Rosario.*—Month of July, 1911. Population, 203,692. Total number of deaths from all causes 406, including diphtheria 10, measles 2, smallpox 60, tuberculosis 53, typhoid fever 2.

Month of August, 1911. Total number of deaths from all causes 416, including diphtheria 4, measles 1, smallpox 55, tuberculosis 44, typhoid fever 1.

AUSTRALIA—*Newcastle.*—Month of August, 1911. Population, 60,500. Total number of deaths from all causes 50, including tuberculosis 2.

FORMOSA.—Three weeks ended September 16, 1911. Population, 3,290,186. Total number of deaths from all causes not reported. The deaths include diphtheria 1, typhoid fever 12.

FRANCE—*Calais.*—Month of September, 1911. Population, 80,000. Total number of deaths from all causes 144, including tuberculosis 28, typhoid fever 3.

GREAT BRITAIN.—Week ended September 16, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 17.1 per 1,000 of the population, which is estimated at 16,157,797.

Ireland.—The deaths registered in 21 principal town districts correspond to an annual rate of 19.4 per 1,000 of the population, which is estimated at 1,149,495. The lowest rate was recorded at Dundalk, viz, 4, and the highest at Lurgan, viz, 43.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 15.7 per 1,000 of the population, which is estimated at 1,710,291. The lowest rate was recorded at Leith, viz, 9.1, and the highest at Perth, viz, 21.8 per 1,000. The total number of deaths from all causes was 516, including diphtheria 10, measles 4, scarlet fever 2, typhoid fever 1.

ITALY—*Genoa.*—Two weeks ended September 30, 1911. Population 272,077. Total number of deaths from all causes 178, including measles 1, tuberculosis 12, typhoid fever 3.

PORTO RICO.—Month of May, 1911. Population 1,118,012. Total number of deaths from all causes 2,288, including measles 4, tuberculosis 226, typhoid fever 16.

Month of June, 1911. Total number of deaths from all causes 2,629, including diphtheria 2, tuberculosis 214, typhoid fever 35.

SIAM—*Bangkok.*—Four weeks ended September 4, 1911. Population 600,000 (estimated). Total number of deaths from all causes not reported. The deaths include cholera 61, plague 9, smallpox 34.

TASMANIA—*Hobart.*—Month of August, 1911. Population 190,972. Total number of deaths from all causes 197, including diphtheria 2, measles 1, tuberculosis 13, typhoid fever 1.

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon General,
United States Public Health and Marine-Hospital Service.